

ACCESS SERVICE

6. Switched Access Service

MAPPING OF BASIC SERVICE ELEMENTS

The following is a list of the NYNEX Telephone Companies Open Network Architecture (ONA) Switching Access Service Basic Service Elements (BSEs) which provides a mapping from the industry standard feature name to the feature name utilized in this tariff.

<u>Industry Standard</u>	<u>NYNEX Telephone Companies</u>	
Alternate Routing	Alternate Routing	
	- Multiple Customer Premises Routing	
Bridging - Line	Extension Service	
Calling Billing Number Delivery	Automatic Number Identification (ANI)	
Carrier Selection On Reverse Charge	WATS Access Line Service	
Dialed Number Identification via InWATS to DID	Dialed Number Identification Service (DNIS) on 800	(N) (N)
Hot Line	Hot Line	
Make Busy Key	Trunk Group Make Busy	
Make Busy Line	Night Transfer	
Message Desk (SMDI)	Simplified Message Desk Interface (SMDI)	
Multiline Hunt Group	Hunt Group Arrangement	
Multiline Hunt Group	Hunt Group Arrangement for Use With WATS Access Line Service	
Multiline Hunt Group - CO Announcements	Announcements with Uniform Call Distribution (UCD)	

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6. Switched Access Service (Cont'd)

MAPPING OF BASIC SERVICE ELEMENTS (Cont'd)

<u>Industry Standard</u>	<u>NYNEX Telephone Companies</u>	
Multiline Hunt Group	Queuing with Uniform Call	(M) (x) (S) (y)
- UCD with Queuing	Distribution (UCD)	(M) (x) (S) (y)
Multiline Hunt Group	Uniform Call Distribution	(M) (x) (S) (y)
- Uniform Call Distribution	(UCD) Arrangement	(M) (x) (S) (y)
Line Hunting		(M) (x) (S) (y)
Multiline Hunt Group	Uniform Call Distribution	(M) (x) (S) (y)
- Uniform Call Distribution	Use With WATS Access Line	(M) (x) (S) (y)
Line Hunting	Service	(M) (x) (S) (y)
Three Way Calling	Three Way Calling	(M) (x) (S) (y)
Traffic Data Reports	Provision of Service	(N) (x)
	Performance Data	(N) (x)
Traffic Data Reports	Trunk Group Measurement	(N) (x)
	Reports	(N) (x)
Uniform 7 Digit Access	900 Access Service	(M) (x) (S) (y)
Number via Overlay Networking		(M) (x) (S) (y)
Warm Line	Warm Line	(M) (x) (S) (y)

(x) Issued on not less than 5 days' notice under authority of Special Permission No. 92-77 of the Federal Communications Commission.

(y) Material scheduled to become effective February 1, 1992 under Transmittal No. 57.

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Regulations previously found on this page can now be found on Original Page 6-1.3.

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6. Switched Access Service (Cont'd)6.1 General

Switched Access Service, which is available to customers for their use in furnishing their services to end users, provides a two-point electrical communications path between a customer's premises, multiplexing node or virtual collocation arrangement and an end user's premises. It provides for the use of common terminating, switching and trunking facilities, and common subscriber plant of the Telephone Company. Switched Access Service provides for the ability to originate calls from an end user's premises to a customer's premises, multiplexing node or virtual collocation arrangement and to terminate calls from a customer's premises, multiplexing node or virtual collocation arrangement to an end user's premises in the LATA where it is provided. Specific references to material describing the elements of Switched Access Service are provided in 6.1.1 and 6.1.3 following.

For purposes of administering regulations set forth herein, a Tandem Switching Provider point of interface may be a customer premises, a multiplexing node or a virtual collocation arrangement.

Pursuant to FCC Memorandum Opinion & Order on Reconsideration, CC Docket No. 89-79, released April 14, 1993, the Telephone Company will offer unbundled Basic Serving Arrangements and bundled Feature Group Arrangements.

Conversions of existing Feature Group Arrangements to Basic Serving Arrangements are subject to the following.

- Customers may order either bundled Feature Group Arrangements or unbundled BSAs. However, once a customer orders a Circuit Switched Trunk BSA in a LATA, the customer must arrange for conversion of all trunkside services in that LATA to the unbundled BSA structure. The conversion of Feature Group A lines to CSL BSAs will be arranged for on an individual customer account basis. The Telephone Company will work cooperatively with the customer to determine conversion procedures and actual conversion dates.

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6. Switched Access Service (Cont'd)6.1 General (Cont'd)

Rates and charges for Switched Access Service depend generally on its use by the customer, i.e., for MTS or WATS services, 800 Data Base Access Service, Advanced Access Screening Capability, 900 Access Service, MTS-WATS equivalent services, or other services (e.g., foreign exchange service), and whether it is provided in a Telephone Company end office that is equipped to provide equal access (Feature Group D or Circuit Switched Trunk BSA - Option 3 Access, described in 6.1.1 following). Rates and charges for Switched Access Service are set forth in 31.6 following. The application of rates for Switched Access Service is described in 6.7 following. Rates and charges for services other than Switched Access Service, e.g., a customer's interLATA toll message service, may also be applicable when Switched Access Service is used in conjunction with these other services. Descriptions of such applicability are provided in 6.2.1(A)(7), 6.2.1(B)(4), 6.2.2(A)(5), 6.2.2(B)(5), 6.2.3(A)(5), 6.2.4(A)(4), 6.2.5(A)(7), 6.2.5(B)(4), 6.2.7(A)(5), 6.2.7(B)(6), 6.2.8(A)(5), 6.2.9(A)(4), 6.7.8, 6.7.10 and 8.2 following. Finally, a credit is applied against line side Switched Access Service charges as described in 6.7.9 following.

(C) (x)

(x) Issued under authority of Special Permission No. 94-1445 of the Federal Communications Commission.

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(T) (x)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.1 Switched Access Service Arrangements and Manner of Provision

Switched Access Service is provided in four bundled service arrangements of standard and optional features called Feature Group A (FGA), Feature Group B (FGB), Feature Group C (FGC) and Feature Group D (FGD) or in two unbundled Basic Serving Arrangements (BSAs) of alternative features and optional BSEs called Circuit Switched Line (CSL) BSA and Circuit Switched Trunk (CST) BSA. In addition, 800 Data Base Access Service is available through the use of CST BSA - Option 2 or 3 or Feature Groups C or D, Advanced Access Screening Capability is available through the use of CST BSA - Option 3 or Feature Group D and 900 Access Service is available through the use of CST BSA - Option 1, 2 or 3 or Feature Groups B, C or D.

(C) (x)
(S) (y)

The arrangements are differentiated by their technical characteristics, e.g. line side vs. trunk side connection at the Telephone Company entry switch, and the manner in which an end user accesses them in originating calling, e.g. with or without an access code.

(A) Feature Group Arrangements

Following is a brief description of the four Feature Group Arrangements.

(1) Feature Group A (FGA)

FGA Access, which is available to all customers, provides line side access to Telephone Company end office switches with an associated seven digit local telephone number for the customer's use in originating communications from and terminating communications to an Interexchange Carrier's interstate service or a customer provided interstate communications capability. The customer must specify the Interexchange Carrier to which the FGA service is connected or, in the alternative, specify the means by which the FGA access communication is transported to another state. A more detailed description of FGA Access is provided in 6.2.1 following.

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- (y) Material scheduled to become effective January 28, 1995 under Transmittal No. 329.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.1 Switched Access Service Arrangements and Manner of Provision (Cont'd)(A) Feature Group Arrangements (Cont'd)(2) Feature Group B (FGB)

FGB Access, which is available to all customers, provides trunk side access to Telephone Company end office switches with an associated uniform 950-XXXX access code for non-900 Access Service for the customer's use in originating communications from and terminating communications to an Interexchange Carrier's interstate service or a customer provided interstate communications capability. The customer must specify the Interexchange Carrier to which the FGB service is connected or, in the alternative, specify the means by which the FGB access communication is transported to another state. A more detailed description of FGB Access is provided in 6.2.2 following.

(3) Feature Group C (FGC)

FGC Access, which is available only to providers of MTS and WATS, provides trunk side access to Telephone Company end office switches for the customer's use in originating and terminating communications. This service is available in all end offices which are not equipped for Feature Group D or CST BSA - Option 3 End Office Switching. Existing FGC Access will be converted to Feature Group D or CST BSA - Option 3 Access when it becomes available in an end office. A more detailed description of FGC Access is provided in 6.2.3 following.

(4) Feature Group D (FGD)

FGD Access, which is available to all customers, provides trunk side access to Telephone Company end office switches with an associated uniform 101XXXX access code for the customer's use in originating and terminating communications. Where Minimum Divergence Access Service is provided, the 101XXXX access code is not available. A more detailed description of FGD Access is provided in 6.2.4 following.

(C)

(C)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.1 Switched Access Service Arrangements and Manner of Provision (Cont'd)(B) Basic Serving Arrangements

Following is a brief description of the two Basic Serving Arrangements.

(1) Circuit Switched Line (CSL)

CSL BSA Access, which is available to all customers, provides line side access to Telephone Company end office switches with an associated seven digit local telephone number for the customer's use in originating communications from and terminating communications to an Interexchange Carrier's interstate service or a customer provided interstate communications capability. The customer must specify the Interexchange Carrier to which the CSL BSA service is connected or, in the alternative, specify the means by which the CSL BSA access communication is transported to another state. A more detailed description of CSL BSA is provided in 6.2.5 following.

(2) Circuit Switched Trunk (CST)

CST BSA provides trunk side access to customers in four options.

(S) (x)

- (a) CST BSA - Option 1 Access, which is available to all customers, provides trunk side access to Telephone Company end office switches with an associated uniform 950-XXXX access code for non-900 Access Service for the customer's use in originating communications from and terminating communications to an Interexchange Carrier's interstate service or a customer provided interstate communications capability. The customer must specify the Interexchange Carrier to which the CST BSA - Option 1 service is connected or, in the alternative, specify the means by which the CST BSA - Option 1 access communication is transported to another state. A more detailed description of CST BSA - Option 1 Access is provided in 6.2.7 following.

(C)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.1 Switched Access Service Arrangements and Manner of Provision (Cont'd)(B) Basic Serving Arrangements (Cont'd)(2) Circuit Switched Trunk (CST) (Cont'd)

- (b) CST BSA - Option 2 Access, which is available only to providers of MTS and WATS, provides trunk side access to Telephone Company end office switches for the customer's use in originating and terminating communications. This service is available in all end offices which are not equipped for CST BSA - Option 3 End Office Switching. Existing CST BSA - Option 2 Access will be converted to CST BSA - Option 3 Access when it becomes available in an end office. A more detailed description of CST BSA - Option 2 Access is provided in 6.2.8 following.
- (c) CST BSA - Option 3 Access, which is available to all customers, provides trunk side access to Telephone Company end office switches with an associated uniform 101XXXX access code for the customer's use in originating and terminating communications. Where Minimum Divergence Access Service is provided, the 101XXXX access code is not available. A more detailed description of CST BSA - Option 3 Access is provided in 6.2.9 following. (C)
- (d) CST BSA - Option 4 Access, which is available to all customers, provides trunk side access with line treatment at the first point of switching. This option is available at suitably equipped electronic end offices. A more detailed description of CST BSA - Option 4 is provided in 6.2.10 following. (C)

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6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.1 Switched Access Service Arrangements and Manner of Provision (Cont'd)(C) 800 Data Base Access Service

For purposes of administering the rules and regulations set forth in this tariff regarding the provision of 800 Database Access Service, except where otherwise specified, the term 800 Database Access Service shall include any of the following NPAs: 888, 877, 866, 855, 844, 833 and 822 as they become available to the industry. (C)

800 Data Base Access Service is a service offering utilizing originating trunk side Switched Access Service. The service provides for the forwarding of end user dialed 800 calls to a Telephone Company Service Switching Point which will initiate a query to the data base to perform the customer identification function. The call is forwarded to the appropriate customer based on the dialed 800 number. The customer has the option of having the dialed 800 number (e.g., 800-NXX-XXXX) or, if the 800 to POTS Number Translation feature is specified, a translated ten digit POTS number (i.e., NPA-NXX-XXXX) delivered to the customer premises. (T)

No access code is required for 800 Data Base Access Service. When an 800 call is originated by an end user, the Telephone Company will perform the customer identification function based on the dialed digits to determine the customer location to which the call is to be routed. The customer identification will be based on 10 digits (e.g., 800-NXX-XXXX), however, for certain special use 800 NXXs, the customer identification will be based on six digits (i.e., 800-NXX). The customer identification function will be available at suitably equipped end office or access tandem switches. If the call originates from an end office not equipped to provide the customer identification function, the call will be routed to an access tandem at which the function is available. In this case, the Tandem Signaling Option will not be available for use with the 800 Data Base Access Service. Once customer identification has been established, the call will be routed to the customer. Calls originating from an end office switch not included in the customer's area of service for 800 Data Base Access Service will not be completed. (T)

Certain regulations previously found on this page can now be found on 3rd Revised Page 6-5.

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(T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.1 Switched Access Service Arrangements and Manner of Provision (Cont'd)(C) 800 Data Base Access Service (Cont'd)

The manner in which 800 Data Base Access Service is provided from an end office equipped with equal access capabilities (i.e., FGD or CST BSA - Option 3), all such service will be provisioned as either Feature Group B, D, CST BSA - Option 1 or CST BSA - Option 3. When 800 Data Base Access Service is provided from designated electromechanical end offices, such service will be provisioned as Feature Group C, Feature Group D, or CST BSA - Option 2 or 3.

Unless prohibited by network considerations, e.g., different dialing plans, the customer's 800 Data Base Access Service traffic may, at the option of the customer, be combined in the same trunk group arrangement with the customer's other Access Service traffic of the same Switched Access Service Arrangement type or be combined in the same trunk group arrangement with the customer's 900 Access Service traffic of the same Switched Access Service Arrangement type with the following limitation. Combining 800 Data Base Access Service traffic with the customer's direct routed Switched Access Service Arrangements or 900 Access Service traffic of the same Switched Access Service Arrangement type will be allowed only when the end office is equipped to perform the customer identification function. When required by network considerations, a separate trunk group must be established for 800 Data Base Access Service.

The hoarding of toll free 800 numbers by customers is prohibited by the (N)
Federal Communications Commission. In accordance with the provisions of (N)
the Federal Communications Commission's Second Report and Order and (N)
Further Notice of Proposed Rulemaking as set forth in FCC 97-123, In the (N)
Matter of Toll Free Service Access Codes, CC Docket FCC 95-155, adopted (N)
April 4, 1997, and released April 11, 1997, the Federal Communications (N)
Commission has concluded that hoarding, defined as the acquisition of (N)
more toll free numbers than one intends to use for the provision of toll (N)
free service, as well as the sale of a toll free number by a private (N)
entity for a fee, is contrary to the public interest in the conservation (N)
of the scarce toll free number resource and contrary to the Federal (N)
Communications Commission's responsibility to promote the orderly use (N)
and allocation of toll free numbers. (N)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.1 Switched Access Service Arrangements and Manner of Provision (Cont'd)(C) 800 Data Base Access Service (Cont'd)

The warehousing of toll free 800 numbers by a Responsible Organization, (N)
defined as an entity responsible for the management and administration (N)
of an 800 number record in the 800 Service Management System (SMS), is (N)
prohibited by the Federal Communications Commission. In accordance with (N)
the provisions of the Federal Communications Commission's Second Report (N)
and Order and Further Notice of Proposed Rulemaking as set forth in FCC (N)
97-123, In the Matter of Toll Free Service Access Codes, CC Docket FCC (N)
95-155, adopted April 4, 1997, and released April 11, 1997, "(1) the (N)
Federal Communications Commission has concluded that warehousing, which (N)
the Federal Communications Commission defines as Responsible (N)
Organizations, either directly or indirectly through an affiliate, (N)
reserving toll free numbers from the SMS database without having an (N)
identified toll free subscriber for whom those numbers are being (N)
reserved, is an unreasonable practice under section 201(b) of the (N)
Communications Act and is inconsistent with our obligation under section (N)
251(e) of the Communications Act to ensure that numbers are made (N)
available on an equitable basis; and (2) if a Responsible Organization (N)
does not have an identified toll free subscriber agreeing to be billed (N)
for service associated with each toll free number reserved from the (N)
database, or if a Responsible Organization does not have an identified, (N)
billed toll free subscriber before switching a number from reserved or (N)
assigned to working status, then there is a rebuttable presumption that (N)
the Responsible Organization is warehousing numbers. Responsible (N)
Organizations that warehouse numbers will be subject to penalties." (N)

Certain regulations previously found on this page can now be found on Original Page
6-5.2

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.1 Switched Access Service Arrangements and Manner of Provision (Cont'd)(C) 800 Data Base Access Service (Cont'd)(1) Call Handling and Destination Feature (M)

The Call Handling and Destination Feature is available to 800 Data Base Access Service customers on an optional basis. This feature allows for the customer to create call processing logic for 800-NXX-XXXX dialed calls. In this manner the 800 Data Base Access Service can be customized to meet individual requirements. The feature may be used in combination with one or more routing options based upon customer specification and technical switch limitations. (M)

The customer may segment the 800 calls based on the following options to choose different terminating destinations and/or multiple carriers: (M)

- Specific telephone number of the calling party (M)
- Time of day (M)
- Day of week (M)
- Special days of the year (e.g., December 25) (M)
- Percentage of traffic (in one percent increments) (M)

The availability of Call Handling and Destination based on the specific telephone number of the calling party is subject to the Telephone Company's ability to obtain full 10-digit ANI of the calling party. (M)

(2) 800 to POTS Translation Optional Feature (M)

The 800 to POTS Translation Optional Feature allows customers to designate a 10 digit POTS telephone number to be translated from a specific 800 number to be delivered to the customer premises. If the POTS number translation feature is ordered, the customer will be unable to determine that such calls originated as 800 dialed calls unless the customer also orders the Automatic Number Identification (ANI) optional feature or BSE. (M)

Regulations on this page formerly appeared on 1st Revised Page 6-5.1

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.1 Switched Access Service Arrangements and Manner of Provision (Cont'd)(D) 900 Access Service

900 Access Service is a LATA-wide offering utilizing originating trunk side Switched Access Service. The service provides for the forwarding of end user dialed 1+900-NXX-XXXX calls to a Telephone Company switch capable of performing a customer identification function. Based on the NXX, the call is forwarded to the appropriate customer. (C)

At the option of the customer, 900 Access Service may also be provided with the 0+900 Option. The 0+900 Option is a LATA-wide offering which provides for the forwarding of end user dialed 0+900+NXX-XXXX calls to the customer based on the dialed NXX. The 0+900 Option is only offered in conjunction with 900 Access Service. The 0+900 Option is available in serving wire centers as specified in the NATIONAL EXCHANGE CARRIER ASSOCIATION INC., TARIFF F.C.C. NO. 4. (N)
(N)
(N)
(N)
(N)
(N) (x)
(N) (x)

No access code is required for 900 Access Service or the 0+900 Option. When a 1+ or 0+900+NXX-XXXX call is originated by an end user, the Telephone Company will perform the customer identification function based on the dialed digits to determine the customer location to which the call is to be routed. For 900 Access Service, the customer identification function will be available at suitably equipped end office or access tandem switches. If the call originates from an end office switch not equipped to provide the customer identification function, the call will be routed to the access tandem at which the function is available. Once customer identification has been established, the call will be routed to the customer. For the 0+900 Option, the customer identification function is available only at suitably equipped equal access end office switches. (C)
(C)
(C)
(C)
(C)
(C)
(C)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.1 Switched Access Service Arrangements and Manner of Provision (Cont'd)(D) 900 Access Service (Cont'd)

The manner in which 900 Access Service is provisioned is dependent on the status of the end office from which the service is provided, (i.e., equipped with equal access capabilities or not equipped with equal access capabilities) and/or the status of the customer (i.e., MTS/WATS provider or MTS/WATS-type provider). When 900 Access Service is provided from an end office equipped with equal access capabilities (i.e., FGD or CST BSA - Option 3), all such service will be provisioned as Feature Group D or CST BSA - Option 3. When 900 Access Service is provided from an end office not equipped with equal access capabilities, such service will be provisioned in the same manner in which the customer's non-900 Switched Access Service from such end office is provisioned (i.e., as Feature Group B, Feature Group C, or CST BSA - Option 1 or 2).

The 0+900 Option is available only when combined with 900 Access Service provided with FGD or CST BSA - Option 3.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.1 Switched Access Service Arrangements and Manner of Provision (Cont'd)(D) 900 Access Service (Cont'd)

Unless prohibited by network considerations, the customer's 900 Access Service traffic may, at the option of the customer, be combined in the same trunk group arrangement with the customer's other Access Service traffic of the same Switched Access Service Arrangement or be combined in the same trunk group arrangement with the customer's 800 Data Base Access Service traffic of the same Switched Access Service Arrangement. When required by network considerations, a separate trunk group must be established for 900 Access Service.

Calls originating from a LATA for which a customer has not ordered 900 Access Service NXX codes activated will not be completed.

The following 1+900+NXX-XXXX calls will be blocked by the Telephone Company:

- calls dialed with a 101XXXX access code, (C)
- calls from Inmate Service, and
- calls originating from Hotel/Motel Service with no on-premises billing system.

The following 0+900+NXX-XXXX calls will be blocked by the Telephone Company:

- calls dialed with a 101XXXX access code, (C)
- calls from Inmate Service, and
- calls originating to a customer that has not subscribed to the 0+900 Option.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.1 Switched Access Service Arrangements and Manner of Provision (Cont'd)(D) 900 Access Service (Cont'd)

If a customer requests the 0+900 Option, it is the customer's responsibility to insure that 0+900 calls are provided in conjunction with the customer's credit card billing. Calls utilizing the Telephone Company's calling card and operator assisted calls, such as collect and third party billing are not permitted with the 0+900 Option.

(E) Telecommunications Relay Service (TRS) Equal Access Interconnection

TRS Equal Access Interconnection is available to TRS Carriers to interconnect with the Telephone Company to provide originating equal access to their end users. The TRS Interconnection provides trunk side access over Switched Access Entrance Facilities and Direct Trunked Transport facilities from a TRS Carrier to a Telephone Company Access Tandem which enables the TRS Carrier to transfer TRS calls from an end user, to the Telephone Company's Access Tandem to reach the end user's Carrier of Choice. The Telephone Company does not provide end office local switching functions with this arrangement. The signaling protocol transmitted by the TRS Carrier is subject to the technical limitations for FGD specified in Technical Reference NPL 000258, Issue 1. The TRS Carrier shall comply with all operating, technical and service quality standards as specified in 6.2.4 for originating Feature Group D Service. The TRS Equal Access Interconnection nonrecurring charge applies per TRS Interconnection as specified in 31.6.1 (H) following.

(Z)

The TRS Carrier will be billed the Entrance Facility Channel Termination rate and the Direct Trunked Transport Channel Mileage fixed and per mile rates as specified in 31.6 following.

(C)

(C)

The TRS Carrier will furnish to the Telephone Company all information which the Telephone Company may require to bill Interexchange Carriers for the access provided by the Telephone Company. The TRS Carrier shall keep sufficient call detail records for IC billing and, upon request of the Telephone Company make the records available for inspection. Such information shall be furnished by the TRS Carrier in a form and according to a regular schedule mutually agreed upon between the Telephone Company and TRS Carrier.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Switched Access Service Arrangements and Manner of Provision (Cont'd)

(E) Telecommunications Relay Service (TRS) Equal Access Interconnection (N)
(Cont'd) (N)

The TRS Carrier shall inform Interexchange Customers seeking equal (N)
access to the TRS Carrier's switch via an access tandem(s) owned and (N)
operated by the Telephone Company, that FGD Access from the IC to the (N)
access tandem must exist or be ordered from the Telephone Company in (N)
order to receive TRS traffic. (N)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.1 Switched Access Service Arrangements and Manner of Provision (Cont'd)

- (F) Advanced Access Screening Capability (C) (x)
- Advanced Access Screening Capability is a LATA-wide offering utilizing (C) (x)
originating FGD or CST BSA - Option 3 Switched Access Service. The (S) (y)
service provides for the forwarding of end user dialed 1+500-NXX-XXXX (S) (y)
and, at the option of the customer, 0+500-NXX-XXXX calls to a Telephone (S) (y)
Company switch capable of performing a customer identification function. (S) (y)
Based on the NXX, the call is forwarded to the appropriate customer. (S) (y)
- Advanced Access Screening Capability will be provided on a LATA-wide (N) (x)
basis where available. In LATA's where Advanced Access Screening (N) (x)
Capability is not fully deployed, Advanced Access Screening Capability (N) (x)
will only be provided at suitably equipped end offices and/or Access (N) (x)
Tandems in that LATA until such time as Advanced Access Screening (N) (x)
Capability can be made available LATA-wide. (N) (x)
- Advanced Access Screening Capability is available in serving wire (C) (x)
centers as specified in the NATIONAL EXCHANGE CARRIER ASSOCIATION INC., (S) (y)
TARIFF F.C.C. NO. 4. (S) (y)
- No access code is required for Advanced Access Screening Capability. (C) (x)
When a 1+ or 0+500+NXX-XXXX call is originated by an end user, the (S) (y)
Telephone Company will perform the customer identification function (S) (y)
based on the dialed digits to determine the customer location to which (S) (y)
the call is to be routed. For Advanced Access Screening Capability, the (C) (x)
customer identification function will be available at suitably equipped (S) (y)
end office or access tandem switches. If the call originates from an (C) (x)
end office switch not equipped to provide the customer identification (C) (x)
function, the call will be routed to the access tandem at which the (C) (x)
function is available. Once customer identification has been (C) (x)
established, the call will be routed to the customer. (S) (y)
- Advanced Access Screening Capability will be provisioned as Feature (C) (x)
Group D or CST BSA - Option 3. The Tandem Signaling Option is not (S) (w)
available for use with Advanced Access Screening Capability. (C) (x)

- (x) Issued under authority of Special Permission No. 94-1445 of the Federal
Communications Commission.
- (y) Material scheduled to become effective January 28, 1995 under Transmittal
No. 329.
- (w) Material scheduled to become effective January 24, 1995 under Transmittal
No. 333.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.1 Switched Access Service Arrangements and Manner of Provision (Cont'd)(F) Advanced Access Screening Capability (Cont'd)

Unless prohibited by network considerations, the customer's 500 Advanced Access Screening Capability traffic may, at the option of the customer, be combined in the same trunk group arrangement with the customer's other Access Service traffic of the same Switched Access Service Arrangement or be combined in the same trunk group arrangement with the customer's 900 Access Service and/or 800 Data Base Access Service traffic of the same Switched Access Service Arrangement. When required by network considerations, a separate trunk group must be established for the Advanced Access Screening Capability 500 traffic.

Calls originating in a LATA where the customer has not ordered the Advanced Access Screening Capability or in an end office where the Advanced Access Screening Capability is not available will not be completed.

The following 1+500+NXX-XXXX calls will be blocked by the Telephone Company:

- calls dialed with a 101XXXX access code, (C)
- calls from WATS Access lines,
- calls originating from Inmate Service, and
- calls originating from Hotel/Motel Service.

The following 0+500+NXX-XXXX calls will be blocked by the Telephone Company:

- calls dialed with a 101XXXX access code, (C)
- calls from WATS Access lines, and
- calls originating from Inmate Service,

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.1 Switched Access Service Arrangements and Manner of Provision (Cont'd)(G) Prepaid Calling Service Access

Prepaid Calling Service Access is an originating switched access service that enables customers to receive originating interLATA, interstate or international sent-paid traffic when end users place calls using a Prepaid Calling Service card.

The Prepaid Calling Service card is available to end users in varying dollar denominations that can be used in conjunction with Prepaid Calling Service Access to place prepaid interLATA, interstate or international sent-paid calls.

For Prepaid Calling Service Access, the customer must order Feature Group D or CST BSA - Option 3 service that is switched through the end office or access tandem serving the end office in each LATA designated by the Telephone Company as the Prepaid Calling Service Access wire center. The Prepaid Calling Service Access wire centers are identified in the NATIONAL EXCHANGE CARRIER ASSOCIATION TARIFF F.C.C. NO. 4. The transport for the Prepaid Calling Service Access between the serving wire center of the customer designated premises or multiplexing node and the Prepaid Calling Service Access wire center will be provided as Direct Trunked Transport or, at the customer's option, may be provided from the access tandem which the Prepaid Calling Service Access wire center subtends as Tandem Switched Transport.

(C)

Customers requesting Prepaid Calling Service Access must have a Prepaid Calling Service billing agreement with the Telephone Company.

When the Prepaid Calling Service card is used for interLATA, interstate or international calling, the system will prompt the end user caller to identify the Carrier Identification Code (CIC) of the customer the end user wishes to have transport the call. The selection made on the initial interLATA, interstate or international call will remain the same for all subsequent uses of the Prepaid Calling Service card unless the end user chooses a different carrier at a later time. If on the initial interLATA, interstate or international call, the end user does not respond with a valid CIC of a customer participating in Prepaid Calling Service Access, a carrier will be allocated as set forth in 13.3.3 following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.1 Switched Access Service Arrangements and Manner of Provision (Cont'd)(G) Prepaid Calling Service Access (Cont'd)

The list of participating Prepaid Calling Service Access customers read by the Prepaid Calling Service system will be updated monthly. The initial order by which the customers will be listed will be determined by lottery. For each subsequent monthly update following the initial order selection, the customer in the first position on the list will be moved to the last position on the list. All other customers on the list will be moved up one position, e.g., 3rd to 2nd, 2nd to 1st, etc. New Prepaid Calling Service Access customers will be placed at the bottom of the list of customers pending the next monthly update.

Calls to 500, 800, 900, 976 or 555 numbers will be blocked.

Prepaid Calling Service Access is provisioned in accordance with the technical characteristics available with Feature Group D or CST BSA - Option 3. Prepaid Calling Access Service is available with Interface Groups 2, 6 and 9 at the customer premises, multiplexing node or virtual collocation arrangement as described in Section 6.1.3(A)(1) following. These interfaces are provided with Type A Transmission Specifications.

(C)
(C)

Prepaid Calling Service card calls are delivered to the customer with unique ANI digits. Customers subscribing to Prepaid Calling Service Access must be able to recognize these unique ANI digits in order to identify Prepaid Calling Service Access calls.

Unless prohibited by technical limitations, the customer's Prepaid Calling Service Access traffic may be combined in the same trunk group arrangement with the customer's non Prepaid Calling Service Access traffic, at the customer's option.

The Feature Group D or CST BSA -Option 3 rates and charges as set forth in Section 31.6 following will apply for Prepaid Calling Service Access. The usage measurement for Prepaid Calling Service Access will be in accordance with the regulations set forth in Section 6.7.6 following. The mileage measurement for transport provided in conjunction with Prepaid Calling Service Access will be in accordance with the mileage measurement regulations set forth in Section 6.7.11 following.

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April 18, 1998

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.1 Switched Access Service Arrangements and Manner of Provision (Cont'd)(H) Manner of Provision

(T)

Switched Access is furnished in either quantities of lines or trunks, or, for tandem switched transport, in busy hour minutes of capacity (BHMCs). FGA and CSL BSA Access are furnished on a per-line basis. FGB and CST BSA - Option 1 or 4 Access are furnished on a per trunk basis. FGC, FGD, CST BSA - Option 2 and 3 Access are furnished on a BHMC basis for tandem switched transport only. TRS Equal Access Interconnections, FGD or CST BSA - Option 3 may also be provided to customers on a per trunk basis as set forth in 5.2 preceding.

BHMCs and trunks are differentiated by type and directionality of traffic carried over a Switched Access Service Arrangement. Differentiation of traffic is necessary for the Telephone Company to properly design Switched Access Service to meet the traffic carrying capacity requirement.

There are four major traffic types. These are: Originating, Terminating, Switched Data (e.g., SWITCHWAY Service Access Capability and Switched Wideband Capability) and Directory Assistance. Originating traffic type represents access capacity within a LATA for carrying traffic from the end user to the customer; Terminating traffic type represents access capacity within a LATA for carrying traffic from the customer to the end user; Switched Data Services traffic type represents access capacity within a LATA for carrying digital traffic between the customer and the end user; and Directory Assistance traffic type represents access capacity within a LATA for carrying Directory Assistance traffic from the customer to a Directory Assistance location. When ordering capacity for FGB Access, FGC Access, FGD Access or CST BSA - Option 1, 2 or 3 Access, the customer must at a minimum specify such access capacity in terms of Originating traffic type and/or Terminating traffic type or Switched Data Services (available with FGD or CST BSA - Option 3 only). Directory Assistance traffic type is used for ordering Directory Assistance Access Service as set forth in 9. following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.1 Switched Access Service Arrangements and Manner of Provision (Cont'd)(H) Manner of Provision (Cont'd)

(T)

Because some customers will wish to further segregate their originating FGB, FGC, FGD or CST BSA – Option 1, 2, 3 or 4 traffic into separate trunk groups or because segregation may be required by network considerations, Originating traffic type is further categorized into Domestic, 500, 800, 900, Operator, and IDDD. Domestic traffic type represents access capacity for carrying only domestic traffic other than 500, 800, 900, and Operator traffic; IDDD traffic type represents access capacity for carrying only international traffic; and, 500, 800, 900, and Operator traffic types represent access capacity for carrying, respectively, only 500, 800, 900, or Operator traffic. When ordering such types of access capacity, the FGC, FGD, CST BSA – Option 2 or 3 customer must specify Domestic, 500, 800, 900, Operator or IDDD traffic type.

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(T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 WATS Access Line Service

WATS Access Line Service is a type of Special Access Service that is provided for use with all Switched Access Service Arrangements except CST BSA - Option 4. WATS Access Line Service connects an end user premises with a WATS Serving Office (WSO). This service is described in 7.2.10 following.

(A) WATS Access Line Service Optional Features(1) 101XXXX Capability

(C)

This option, which is available with either originating only WATS Access Line (WAL) Service not equipped with the End Office End User Line Service Screening optional feature or with two-way WAL Service, provides the capability for the end user of such service to originate calls to Feature Group D (FGD) or CST BSA - Option 3 Switched Access Services by dialing the appropriate 101XXXX access code. These calls will be routed to the Switched Access Service customer(s) so designated which provide(s) FGD or CST BSA - Option 3 Switched Access Service to the end office (WSO) from which the WAL Service is provided. When the 101XXXX access code is used, FGD or CST BSA - Option 3 switching also provides for dialing the end-of-dialing (#) for cut-through access to the FGD or CST BSA - Option 3 customer's premises.

(C)

(C)

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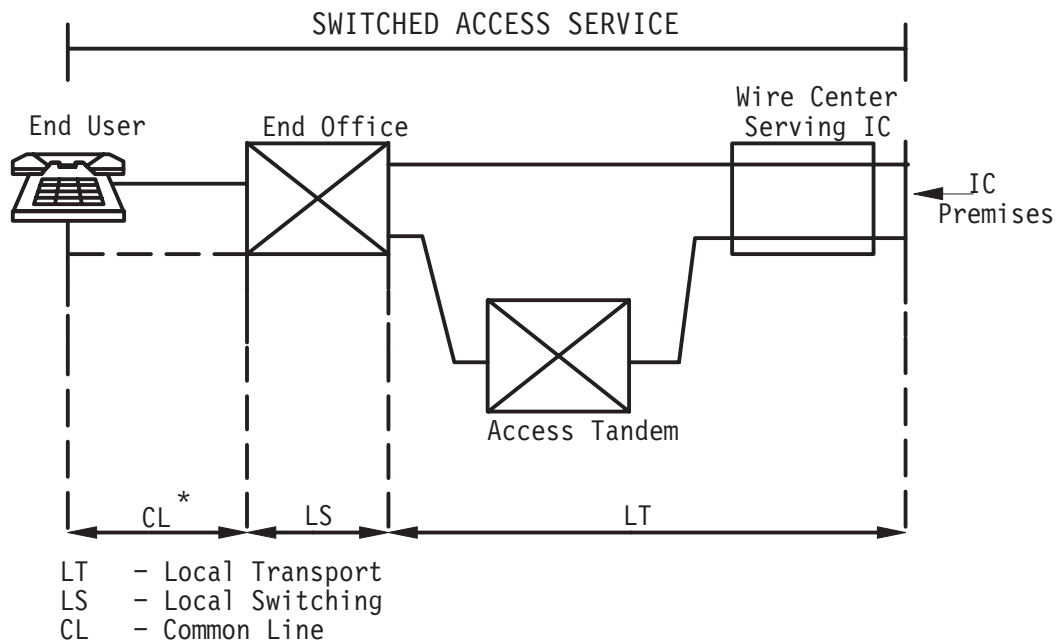
ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.3 Rate Categories

There are three rate categories which apply to Switched Access Service: Local Transport (described in 6.1.3(A) following); Local Switching (described in 6.1.3(B) following); and Common Line (described in Sections 3. and 4. preceding).

In addition, other charges may apply as set forth following. An Equal (C)
Access Cost Recovery rate, as set forth in 31.16 following applies to
Interexchange Carriers who obtain FGD or CST BSA - Option 3 Switched
Access Service. A Customer Identification Charge, as set forth in 31.6 (C)
following applies to customers who obtain 800 Data Base Access Service.
A Common Line Presubscribed Line (PSL) Charge, as set forth in 31.3 (C)
following, applies on a monthly basis to customers who obtain Carrier (C)
Common Line Access Service within the New York Metro LATA. (C)

The following diagram depicts a generic view of the components of Switched Access Service and the manner in which the components are combined to provide a complete Access Service.



*Common Line Access is provided under Sections 3. and 4. preceding.

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(T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.3 Rate Categories (Cont'd)(A) Local Transport

The Local Transport rate category provides the transmission facilities between the customer's premises, multiplexing node or virtual collocation arrangement and the end office switch(es) where the customer's traffic is switched to originate or terminate the customer's communications. For purposes of determining Local Transport Channel Mileage for dedicated transport, distance will be measured from the wire center that normally serves the customer's premises, multiplexing node or virtual collocation arrangement to either the end office switch(es) or the access tandem. Exceptions to the mileage measurement rules are set forth in 6.7.11 following. (C)

Local Transport is a two-way voice frequency transmission path composed of facilities specified by the customer (dedicated transport) or determined by the Telephone Company (common transport). The two-way voice frequency transmission path permits the transport of calls in the originating direction (from the end user end office switch to the customer's premises, multiplexing node or virtual collocation arrangement) and in the terminating direction (from the customer's premises, multiplexing node or virtual collocation arrangement to the end office switch), but not simultaneously. The voice frequency transmission path may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz. (C)

The Telephone Company will work cooperatively with the customer in determining (1) whether the service is to be directly routed to an end office switch or through an access tandem switch, (2) routed through a TOPS tandem switch, and (3) the directionality of the service. In addition, when the customer has ordered Feature Group D or CST BSA - Option 3 with the SWITCHWAY Service Access Capability and/or the 64 kbps Clear Channel Capability (64CCC) optional feature(s), as set forth in 6.3.1(W) and 6.1.3(A)(2) following, the Telephone Company will assure that these facilities are capable of supporting 56 kbps digital data or 64 kbps clear channel digital data as appropriate.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.3 Rate Categories (Cont'd)(A) Local Transport (Cont'd)

When the customer has ordered FGD or CST BSA - Option 3 with the SS7 Signaling option, as set forth in 6.1.3(A)(2)(d) following, the Telephone Company will provide the option in accordance with the technical specifications set forth in Technical Publication TR-TSV-000905 and TR-TSV-000962.

The circuits and equipment used for Local Transport may be dedicated to a single customer (dedicated transport) or used in common by multiple customers (common transport).

(C)

(C)

For dedicated transport, the customer must order or have in place an Entrance Facility from the customer premises, multiplexing node or virtual collocation arrangement to the serving wire center of the customer premises, multiplexing node or virtual collocation arrangement.

(C)

The customer has the option of a 2-wire Voice Grade, 4-wire Voice Grade, DS1 or DS3 Entrance Facility for Local Transport from the customer designated premises to the serving wire center of such customer designated premises or for Expanded Interconnection, the customer has the option of a DS1 or DS3 Entrance Facility for Local Transport from the multiplexing node or virtual collocation arrangement to the serving wire center of such multiplexing node or virtual collocation arrangement. The customer also has the option of Voice Grade, DS1 or DS3 Direct Trunked Transport from the customer's serving wire center to designated end offices or access tandems. In addition, the Local Transport rate category provides for DS3 to DS1 or DS1 to Voice Multiplexing Optional Features.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.3 Rate Categories (Cont'd)(A) Local Transport (Cont'd)

The Entrance Facility portion of the Local Transport rate category is comprised of a Standard Channel Termination rate for that portion of the voice frequency transmission path from the customer premises to the serving wire center of the customer premises. An Office Channel Termination (OCT) Cross Connect rate will apply in lieu of the Standard Channel Termination for each Local Transport Entrance Facility terminated at an Expanded Interconnection multiplexing node. In addition, an OCT Termination Charge applies for each Office Channel Termination cross-connected to either a Telephone Company-provided POT Bay or a customer-provided, Telephone Company-maintained POT Bay at an Expanded Interconnection multiplexing node. A Virtual Office Channel Termination (VOCT) rate will apply in lieu of the Standard Channel Termination for each Local Transport Entrance Facility terminated at a virtual collocation arrangement.

The Local Transport rate category, when provided as Direct Trunked Transport (dedicated transport to an end office or access tandem), is comprised of a Channel Mileage rate. Dedicated Tandem Trunk Port rates, Host/Remote Transport rates, an Operator Passthrough charge, DS3 to DS1 and DS1 to Voice Multiplexing charges or CCSA charges will apply, as appropriate. (C)

The Local Transport rate category, when provided as Tandem Switched Transport (dedicated transport to an access tandem and common transport from the access tandem to the end office), is comprised of a Channel Mileage rate, Dedicated Tandem Trunk Port rates, a Local Transport Termination rate, a Local Transport Facility rate, a Tandem Switching rate, and a Transport Multiplexing rate. Host/Remote Transport rates, an Operator Passthrough charge or CCSA charges will apply as appropriate. (C)

The Local Transport rate category is also comprised of an Interconnection Charge which provides for interconnection with the Telephone Company Switched Access network.

The Direct Trunked Transport Channel Mileage rate provides for that portion of the voice frequency transmission path from the serving wire center of the customer premises or multiplexing node directly to an end office or an access tandem.

The Dedicated Tandem Trunk Port rate provides for the termination of a voice frequency transmission path into the serving wire center side of an access tandem. (T)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.3 Rate Categories (Cont'd)(A) Local Transport (Cont'd)

The Local Transport Termination rate provides for the termination of the voice frequency transmission path at the end office switch or the access tandem for traffic that is switched at an access tandem. The Local Transport Termination rate also provides for the termination of the voice frequency transmission path at a host end office. (C)

The Host/Remote Transport Termination rate provides for the termination of the voice frequency transmission path at a remote switching system (RSS) or a remote switching module (RSM).

The Local Transport Facility rate provides for that portion of the voice frequency transmission path between the end office and the access tandem. (C)

The Host/Remote Transport Facility rate provides for that portion of the voice frequency transmission path between a host end office and a remote switching system (RSS) or remote switching module (RSM).

The Local Transport Tandem Switching rate provides for the use of the Telephone Company tandem switching facilities.

The Transport Multiplexing rate provides for the use of common DS3 to DS1 multiplexers in the end office side of an access tandem for traffic that is switched at an access tandem and/or FGA or CSL BSA traffic.

At the customer's option, multiplexing functions may be performed at the serving wire center of the customer premises, multiplexing node or virtual collocation arrangement or at a Terminus, Intermediate or Super-Intermediate Hub. Channel Mileage rates and a Mid-Link nonrecurring charge will apply if multiplexing functions are performed between two Telephone Company Hubs.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

When the customer orders a DS3 Entrance Facility with DS3 Direct Trunked Transport to an end office or access tandem, the customer must order the DS3 to DS1 Multiplexing Optional Feature at the end office or access tandem.

Local Transport and the CCSA option are provided at the rates and charges set forth in 31.6 following. The Operator Passthrough charge is set forth in 31.8 following. The application of these rates is as set forth in 6.7.1(D), 6.7.1(E), 6.7.1(F) and 8.2.3 following. (C)
(C)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

CCSA is comprised of a STP Link Termination rate, a STP Link Transport rate and a STP Port rate. The STP Port rate is described in (B) Local Switching following.

(C)
(C)

The STP Link Termination rate provides for the connection from the customer designated premises to the serving wire center.

The STP Link Transport rate provides for the transmission facilities between the serving wire center of the customer designated premises and the Telephone Company STP.

Notwithstanding the first paragraph of this section 6.1.3(A), the Local Transport mileage for FGB, FGC, FGD or CST BSA – Option 1, 2 or 3 access minutes which originate from or terminate to a WATS Access Line Service, except as set forth following, will be calculated in accordance with 6.7.11(E) following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.3 Rate Categories (Cont'd)(A) Local Transport (Cont'd)(1) Interface Groups

Five Interface Groups are provided for terminating the Local Transport at the customer's premises and two Interface Groups are provided for terminating the Local Transport at the customer's multiplexing node or (C) virtual collocation arrangement. Each Interface Group provides a (C) specified premises interface determined by the type of entrance facility specified by the customer (e.g., two-wire Voice Grade, four-wire Voice Grade, DS1, DS3). Where transmission facilities permit, the individual transmission path between the customer's premises, multiplexing node or virtual collocation arrangement and the (C) first point of switching may, at the option of the customer, be provided with optional features as set forth in (2)(a), (b) and (c) following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.3 Rate Categories (Cont'd)(A) Local Transport (Cont'd)(1) Interface Groups (Cont'd)

As a result of the customer's access order and the type of entrance facilities serving the customer's premises, the need for signaling conversions or two-wire to four-wire conversions, or the need to terminate digital or high frequency facilities may require that Telephone Company equipment be placed at the customer's premises. For example, if a voice frequency entrance facility is ordered by the customer and the Telephone Company facilities serving the customer's premises are digital, then Telephone Company channel bank equipment must be placed at the customer's premises in order to provide the voice frequency entrance facility ordered by the customer. For Expanded Interconnection, such equipment will be placed in Telephone Company space within the serving wire center, access tandem or remote node that serves the multiplexing node or virtual collocation arrangement. (C)

Technical Publication TR-NWT-000334 provides compatibility and interface requirements for using SWITCHWAY Service Access Capability in conjunction with FGD or CST BSA - Option 3. (C)

Compatibility and interface requirements for using Switched Access Interface Group 9 are in accordance with the guidelines set forth in Technical Reference TR-INS-000342.

Interface Group 1 is provided with Type C Transmission Specifications, and Interface Groups 2, 6, 7* and 9 are provided with Type A or B Transmission Specifications, depending on the Switched Access Service Arrangement and whether the Access Service is routed directly or through an access tandem. All Interface Groups are provided with Data Transmission Parameters.

* New England Telephone only

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.3 Rate Categories (Cont'd)(A) Local Transport (Cont'd)(1) Interface Groups (Cont'd)

Only certain premises interfaces are available at the customer's premises, multiplexing node or virtual collocation arrangement. The premises interfaces associated with the Interface Groups may vary among Switched Access Service Arrangements. The various premises interfaces which are available with the Interface Groups, and the Switched Access Service Arrangements with which they may be used, are set forth in (1)(f) following.

(C)

(a) Interface Group 1 (USOC TPP1X)

Interface Group 1, except as set forth in the following, provides two-wire voice frequency transmission at the point of termination at the customer's premises. The interface is capable of transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

Interface Group 1 is not provided in association with FGC, FGD or CST BSA - Option 2 or 3 when the first point of switching is an access tandem. In addition, Interface Group 1 is not provided in association with FGB, FGC, FGD or CST BSA - Option 1, 2, 3 or 4 when the first point of switching provides only four-wire terminations.

The transmission path between the point of termination at the customer's premises and the first point of switching may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency bandwidth of 300 to 3000 Hz.

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April 18, 1998

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.3 Rate Categories (Cont'd)(A) Local Transport (Cont'd)(1) Interface Groups (Cont'd)(a) Interface Group 1 (USOC TPP1X) (Cont'd)

The interface is provided with loop supervisory signaling. When the interface is associated with FGA or CSL BSA, such signaling will be loop start or ground start signaling. When the interface is associated with FGB, FGC, FGD, CST BSA - Option 1, 2, 3 or terminating CST BSA - Option 4 with DNIS on 800, such signaling, except for two-way calling which is E&M signaling, will be reverse battery signaling.

(C)
(C)(b) Interface Group 2 (USOC TTP2X)

Interface Group 2 provides four-wire voice frequency transmission at the point of termination at the customer's premises. The interface is capable of transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

The transmission path between the point of termination at the customer's premises and the first point of switching may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

The interface is provided with loop supervisory signaling. When the interface is associated with FGA or CSL BSA, such signaling will be loop start or ground start signaling. When the interface is associated with FGB, FGC, FGD or CST BSA - Option 1, 2 or 3 or terminating CST BSA - Option 4 with DNIS on 800, such signaling, except for two-way calling which is E&M signaling, will be reverse battery signaling.

(C)
(C)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.3 Rate Categories (Cont'd)(A) Local Transport (Cont'd)(1) Interface Groups (Cont'd)(c) Interface Group 6 (USOC TPP6X)

Interface Group 6 provides DS1 level digital transmission at the point of termination at the customer's premises, multiplexing node or virtual collocation arrangement. The interface is capable of transmitting electrical signals at a nominal 1.544 Mbps, with the capability to channelize up to 24 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment to derive 24 transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, a DS1 signal in D3/D4 format.

The interface is provided with individual transmission path bit stream supervisory signaling.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.3 Rate Categories (Cont'd)(A) Local Transport (Cont'd)(1) Interface Groups (Cont'd)(d) Interface Group 7 (USOC TPP7X)*

Interface Group 7 provides DS1C level digital transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals at a nominal 3.152 Mbps, with the capability to channelize up to 48 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment to derive up to 48 voice frequency transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signals in D3/D4 format.

The interface is provided with individual transmission path bit stream supervisory signaling.

* New England Telephone only

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.3 Rate Categories (Cont'd)(A) Local Transport (Cont'd)(1) Interface Groups (Cont'd)(e) Interface Group 9 (USOC TPP9X)

Interface Group 9 provides DS3 level digital transmission at the point of termination at the customer's premises, multiplexing node or virtual collocation arrangement. The interface is capable of transmitting electrical or optical signals at a nominal 44.736 Mbps, with the capability to channelize up to 28 DS1 transmission paths or up to 672 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment to derive up to 672 transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching, or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signals in D3/D4 format.

The interface is provided with individual transmission path bit stream supervisory signaling.

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April 18, 1998

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.3 Rate Categories (Cont'd)(A) Local Transport (Cont'd)(1) Interface Groups (Cont'd)(f) Available Premises Interface Codes

Following is a matrix showing, for each Interface Group, which premises interface codes are available as a function of the Telephone Company switch supervisory signaling and Switched Access Service Arrangement. For explanations of these codes, see the Glossary of Channel Interface Codes in 7.3.1 following.

Interface Group	Telephone Company Switch Supervisory Signaling	Premises Interface Code	BSA CSL CST - Option 1 2 3			
			or			
			Feature Group			
			A	B	C	D
1	LO	2LS2	X			
	LO	2LS3	X			
	GO	2GS2	X			
	GO	2GS3	X			
	LO, GO	2DX3	X			
	LO, GO	4EA3-E	X			
	LO, GO	4EA3-M	X			
	LO, GO	6EB3-E	X			
	LO, GO	6EB3-M	X			
	RV, EA, EB, EC	2DX3		X	X	X
	RV, EA, EB, EC	4EA3-E		X	X	X
	RV, EA, EB, EC	4EA3-M		X	X	X
	RV, EA, EB, EC	6EB3-E		X	X	X
	RV, EA, EB, EC	6EB3-M		X	X	X
	EA, EB, EC	6EC3			X	X
	RV	2RV3-O		X	X	X
	RV	2RV3-T		X	X	X
	CCS	2N02				X

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.3 Rate Categories (Cont'd)(A) Local Transport (Cont'd)(1) Interface Groups (Cont'd)(f) Available Premises Interface Codes (Cont'd)

Interface Group	Telephone Company Switch Supervisory Signaling	Premises Interface Code	BSA CSL CST - Option 1 2 3				(C)
			or				(C)
			Feature Group				(C)
			A	B	C	D	
2	LO, GO	4SF2	X				
	LO, GO	4SF3	X				
	LO	4LS2	X				
	LO	4LS3	X				
	LO	6LS2	X				
	GO	4GS2	X				
	GO	4GS3	X				
	GO	6GS2	X				
	LO, GO	4DX2	X				
	LO, GO	4DX3	X				
	LO, GO	6EA2-E	X				
	LO, GO	6EA2-M	X				
	LO, GO	8EB2-E	X				
	LO, GO	8EB2-M	X				
	LO, GO	6EX2-B	X				
	RV, EA, EB, EC	4SF2		X	X	X	
	RV, EA, EB, EC	4SF3		X			
	RV, EA, EB, EC	4DX2		X	X	X	
	RV, EA, EB, EC	4DX3		X			
	RV, EA, EB, EC	6DX2			X		
	RV, EA, EB, EC	6EA2-E		X	X	X	
	RV, EA, EB, EC	6EA2-M		X	X	X	
	RV, EA, EB, EC	8EB2-E		X	X	X	
	RV, EA, EB, EC	8EB2-M		X	X	X	
	EQ, EB, EC	8EC2-M			X	X	
	RV	4RV2-O		X	X	X	
	RV	4RV2-T		X	X	X	
	RV	4RV3-O		X	X		
	RV	4RV3-T		X	X		
	CCS	4N02					X

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.3 Rate Categories (Cont'd)(A) Local Transport (Cont'd)(1) Interface Groups (Cont'd)(f) Available Premises Interface Codes (Cont'd)

Interface Group	Telephone Company <u>Switch Supervisory Signaling</u>	Premises <u>Interface Code</u>	BSA CSL CST - Option 1 2 3 or Feature Group			
			<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>
6	LO, GO	4DS9-15	X			
	LO, GO	4DS9-15L	X			
	RV, EA, EB, EC	4DS9-15		X	X	X
	RV, EA, EB, EC	4DS9-15L		X	X	X
	CCS	4DS9-1S				X (N)
	CCS	4DS9-15				X
	CCS	4DS9-15B				X (N)
	CCS	4DS9-15K				X (N)
	CCS	4DS9-15S				X (N)
7*	LO, GO	4DS9-15	X			
	LO, GO	4DS9-15L	X			
	RV, EA, EB, EC	4DS9-15		X	X	X
	RV, EA, EB, EC	4DS9-15L	X	X	X	
9	LO, GO	4DS6-44	X			
	LO, GO	4DS9-44L	X			
	RV, EA, EB, EC	4DS6-44		X	X	X
	RV, EA, EB, EC	4DS6-44L		X	X	X
	CCS	4DS6-44				X

* New England Telephone only

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.3 Rate Categories (Cont'd)(A) Local Transport (Cont'd)(1) Interface Groups (Cont'd)(g) CCSA Signaling Connection Premises Interface Codes

The SS7 signaling option is provided with FGD or CST BSA - Option 3. These trunks may be provided using Interface Groups 1, 2, 6 and 9. CCSA signaling connections are provided using Interface Groups 6 and 9. Following is a matrix for Interface Groups 6 and 9 showing which premises interface codes are available for signaling connections as a function of CCSA level of digital transmission.

<u>Interface Group</u>	<u>Level of Transmission</u>	<u>Premises Interface Code</u>
6	DS1	04DS9-1S
6	DS1	04DS9-15
9	DS3	04DS6-44

(h) Optical Switched Access Service DS3 Premises Interface Codes

The Optical Switched Access Service DS3 Entrance Facility is provided for use with all Feature Group Arrangements or Basic Serving Arrangements with an Interface Group 9. The following interface codes are available for signaling connections as a function of the optical transmission.

<u>Interface Group</u>	<u>Level of Transmission</u>	<u>Premises Interface Code</u>	
9	135 Mbps	04FCF-13	(C)
9	405 Mbps	04FCF-40	(C)
9	560 Mbps	04FCF-54	(C)
9	155.520 Mbps	04SOF-A*,C*,E*, OR F*	(C)
9	622.080 Mbps	04SOF-A*,B*,C*,D*,E*, OR F*	(C) (C)
9	2.488 Gbps	04SOF-A*,B*,C*,D*,E*, OR F*	(C) (C)

* B OR U

(C)

(This page filed under Transmittal No. 340)

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Effective: December 3, 1994

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.3 Rate Categories (Cont'd)(A) Local Transport (Cont'd)(2) Optional Features

Where transmission facilities permit, the Telephone Company will, at the option of the customer, provide the following optional features in association with Local Transport.

(a) Supervisory Signaling

Where the transmission parameters permit, and where signaling conversion is required by the customer to meet its signaling capability, the customer may order an optional supervisory signaling arrangement for each transmission path provided as follows:

- For Interface Groups 1 and 2

DX Supervisory Signaling,
E&M Type I Supervisory Signaling,
E&M Type II Supervisory Signaling, or
E&M Type III Supervisory Signaling

- For Interface Group 2

SF Supervisory Signaling, or
Tandem Supervisory Signaling

- For Interface Groups 6, 7* and 9

These Interface Groups may, at the option of the customer, be provided with individual transmission path SF supervisory signaling where such signaling is available in Telephone Company central offices. Generally such signaling is available only where the entry switch provides an analog, i.e., non-digital, interface to the transport termination and a portion of the facility between the analog entry switch and the customer's premises is analog.

* New England Telephone only

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.3 Rate Categories (Cont'd)(A) Local Transport (Cont'd)(2) Optional Features (Cont'd)(a) Supervisory Signaling (Cont'd)

These optional supervisory signaling arrangements are not available in combination with the SS7 signaling option as specified in 6.1.3(A)(2)(d) following.

(b) Customer Specified Entry Switch Receive Level

This feature allows the customer to specify the receive transmission level at the first point of switching. The range of transmission levels which may be specified is described in Technical Reference TR-NWT-000334. This feature is available with Interface Groups 2, 6, 7* and 9 for Feature Groups A and B or CSL BSA and CST BSA - Option 1.

(c) Customer Specification of Local Transport Termination

This option allows the customer to specify, for FGB or CST BSA - Option 1 routed directly to an end office or access tandem, a four-wire termination of the Local Transport at the entry switch in lieu of a Telephone Company selected two-wire termination.

This option is available only when the FGB or CST BSA - Option 1 arrangement is provided with Type B Transmission Specifications.

(d) Signaling System 7 (SS7) Signaling Option

This option allows the customer to receive signals for call set-up out of band. This option is available with FGD or CST BSA - Option 3.

Charge Number (CN), Carrier Selection Parameter (CSP), Calling Party Number (CPN) and Access Transport Parameter (ATP) features are provided with the SS7 Signaling Option. In addition, Carrier Identification Parameter (CIP) is also available as a chargeable optional feature. A description of these features is set forth in 6.3.4 following.

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(C)

* New England Telephone only
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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.3 Rate Categories (Cont'd)(A) Local Transport (Cont'd)(2) Optional Features (Cont'd)(e) Common Channel Signaling Access (CCSA)

This option provides interconnection to the Telephone Company Common Channel Signaling network using a dedicated Signal Transfer Point (STP) Link and a dedicated STP Port. The STP Link provides the connection from the customer designated premises to the Telephone Company STP. The STP Link is dedicated to the customer. (C)

Each CCSA STP Link provides for two-way digital transmission at a speed of 56 kbps. The connection to the Telephone Company STP can be made from either the customer's Signaling Point (SP) which requires two 56 kbps circuits or from the customer's STP which requires four 56 kbps circuits. The design requirements for CCSA STP Links are described in Technical Publication TR-TSV-000905.

The STP locations are set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4. Where multiple STP pairs are deployed in a LATA, Telephone Company end offices or tandems are interconnected to only one STP pair. The customer must route terminating traffic to the STP pair that serves the end office or tandem switch where the call is terminated. The customer may request that all of its terminating traffic in a LATA be routed to a single STP pair, using the Telephone Company's SS7 signaling network to provide the connection to the other STP pair in the LATA. If available capacity exists within the Telephone Company SS7 signaling network and where technically feasible, the Telephone Company and the customer will mutually agree to the customer's use of a single STP pair in the LATA. In the event that the Telephone Company SS7 signaling network may be impaired as a result of changes in traffic requirements, the customer will then be notified that its use of a single STP pair in the LATA is no longer permitted and that it must use CCSA links to each STP pair in the LATA.

Certain regulations previously found on this page can now be found on 5th Revised Page 6-26.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.3 Rate Categories (Cont'd)(A) Local Transport (Cont'd)(2) Optional Features (Cont'd)(e) Common Channel Signaling Access (CCSA) (Cont'd)

Subject to the provisions of 2.1.4, the Telephone Company will make every reasonable effort to provide CCSA, under normal business conditions, within 18 months from receiving the customer's request at locations listed in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4.

Shared Use Arrangements as specified in Section 5.2.7 preceding may also be provided.

Certain regulations on this page formerly appeared on 4th Revised Page 6-24.1.1.

(x) Material scheduled to become effective December 1, 1993 under Transmittal No. 221.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.3 Rate Categories (Cont'd)(A) Local Transport (Cont'd)(2) Optional Features (Cont'd)(f) Coin Sent-Paid Capability

Coin sent-paid capability allows the customer to receive signals for coin sent-paid traffic. This option requires the use of Exchange Access Operator Services Signaling (EAOSS) and/or Modified Operator Services Signaling (MOSS). Coin sent-paid capability access is provided direct to suitably equipped Telephone Company end offices or via tandem access at the TOPS tandem switches and is available with Feature Group D or CST BSA - Option 3.

Technical specifications for EAOSS and MOSS signaling are as set forth in the Bell Communications Research Technical Publication TR-TSY-000530. Technical specifications for EAOSS are as set forth in Bell Communications Research Technical Publication TR-TSY-000271, Sections 6.5.4.2 and 6.5.4.3. Technical specifications for MOSS are as set forth in Bell Communications Research Technical Publication TR-NPL-000258, Sections 3.6 and 6.

(g) 64 kbps Clear Channel Capability (64CCC)

64CCC provides a Bipolar with Eight Zero substitution (B8ZS) encoding technique that allows a customer to transport voice or data signals over a 64 kbps channel with no constraint on the quantity or sequence or ones (mark) and zero (space) bits. The derived 64 kbps clear channels support superframe (SF) or extended superframe (ESF) formatting. 64CCC is a nonchargeable option available with Feature Group D or CST BSA - Option 3 when ordered with the SS7 Signaling Option. This optional feature requires the use of Interface Group 6 or 9 and is required for originating or terminating 64 kbps calls to an Integrated Services Digital Network (ISDN). 64CCC is available in suitably equipped electronic end offices as specified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4.

(C) (x)

- (x) Issued on not less than 7 days' notice under authority of Special Permission No. 92-797 of the Federal Communications Commission.

(This page filed under Transmittal No. 129.)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.3 Rate Categories (Cont'd)(A) Local Transport (Cont'd)(2) Optional Features (Cont'd)(h) Multiplexing

The Local Transport multiplexing optional feature allows for a DS3 facility to be channelized into 28 DS1 services or for a DS1 facility to be channelized into 24 Voice Grade or Voice Grade equivalent services. Multiplexing is available at the serving wire center of the customer premises, multiplexing node or virtual collocation arrangement, at designated Hub locations as identified in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, at end offices or at Telephone Company access tandems. (C) (C)

DS1 to Voice multiplexing is not available at end offices.

(i) Tandem Signaling

The Local Transport Tandem Signaling Option delivers to Tandem Switching Providers the Carrier Identification Code and signaling information digits necessary to identify each access call routed to the tandem switching provider's location, by customer and call type, when the Tandem Switching Provider's service is used to route multi-FGD or multi-CST BSA - Option 3 customer traffic. The Tandem Signaling Option is only available with Direct Trunked Transport from an end office to the serving wire center of the Tandem Switching Provider's point of interface. This option is provided over Direct Trunked Transport arrangements with originating FGD or CST BSA - Option 3 trunks with either MF or SS7 Signaling. MF signaling with the Tandem Signaling Option is provided subject to the specifications in TR-NWT-000506 and TR-TSY-000540. SS7 Signaling with the Tandem Signaling Option is provided subject to the specifications in GR-317-CORE, GR-394-CORE and TR-TSV-000905. The Tandem Signaling Option is not available with terminating or two-way trunks. It is not available from end offices where Minimum Divergence Access Service is provided or in designated electromechanical end offices.

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April 18, 1998

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)

(Z)

6.1.3 Rate Categories (Cont'd)

(Z)

(A) Local Transport (Cont'd)(2) Optional Features (Cont'd)(j) Switched Wideband Capability*

Switched Wideband Capability allows a customer to transport data signals at bandwidths from 128 kbps to 1.536 Mbps in increments of $n \times 64$ kbps, where N represents a number of trunks from two to twenty-four. Switched Wideband Capability is a nonchargeable option available only with Feature Group D or CST BSA - Option 3. This option requires the use of Interface Group 6 or 9 in conjunction with the SS7 Signaling and 64 kbps Clear Channel Capability options to originate and terminate wideband calls. Switched Wideband Capability is available from suitably equipped end offices and access tandems as identified in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4.

At the time of ordering, the customer must specify a channel assignment scheme for occupying time slots in the interface group. The channel assignment scheme may be fixed, floating or flexible. The fixed scheme requires that the selected 64 kbps channels be contiguous and occupy specific time slots in the interface group. The floating scheme requires that the selected 64 kbps channels be contiguous, but may occupy any available contiguous time slots in the interface group. The flexible scheme allows the selected 64 kbps channels to occupy any available noncontiguous time slots in the interface group as long as the individual channel order is maintained.

Technical specifications for Switched Wideband Capability are set forth in Technical Publication TR-NWT-001203.

* New York Telephone only.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.3 Rate Categories (Cont'd)(B) Local Switching

The Local Switching rate category provides the functions necessary to complete the transmission of Switched Access communications to and from the end users served by the local end office. The functions included are:

- Local end office switching, i.e., the common switching functions associated with the various Switched Access Service arrangements;
- The line or trunk side arrangements which terminate the Local Transport facilities at end offices;
- Intercept, i.e., the termination of a call at a Telephone Company Intercept operator or recording; and
- The terminations for end user lines (common lines and WATS Access Lines) terminating in the end office.

The WATS Access Line Service Terminations are differentiated by line side vs. trunk side terminations. The standard WATS Access Line Service arrangement is available with a line side termination. There are various types of line side terminations depending on the type of signaling associated with the WATS Access Line, i.e., loop start or ground start. Line side terminations are available with either dial pulse or dual tone multifrequency address signaling.

In addition, there are also various types of WATS Access Line Service trunk side terminations that are available in lieu of standard line side terminations. Trunk side terminations are provided only in association with certain WATS Access Line Service Termination optional features.

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.3 Rate Categories (Cont'd)(B) Local Switching (Cont'd))

The Local Switching rate category includes monthly rates, usage rates, chargeable and nonchargeable optional features, and Basic Service Elements.

The premium usage rates for Switched Access Service Arrangements are divided into two categories. For Feature Group Switched Access Service Arrangements, the categories are LS1 and LS2. For BSA Switched Access Service Arrangements, the categories are LS1-BSA and LS2-BSA.

LS1 provides local dial switching for Feature Groups A and B, except for FGA and FGB used to terminate traffic to a WATS Access Line (WAL), provided from an equal access end office and for FGB when utilized to provide MTS/WATS service.

LS2 provides local dial switching for Feature Groups C and D, for FGA and FGB used to terminate traffic to a WAL provided from an equal access end office, for Feature Group B utilized to provide MTS/WATS service.

LS1-BSA provides local dial switching for CSL BSA and CST BSA - Option 1, except for CSL BSA and CST BSA - Option 1 used to terminate traffic to a WATS Access Line (WAL), provided from an equal access end office and for CST BSA - Option 1 when utilized to provide MTS/WATS service.

LS2-BSA provides local dial switching for CST BSA - Option 2, 3 and 4 for CSL BSA and CST BSA - Option 1 used to terminate traffic to a WAL provided from an equal access end office, for CST BSA - Option 1 utilized to provide MTS/WATS service.

The Shared End Office Trunk Port provides for the termination of Tandem Switched Transport and/or FGA or CSL BSA access minutes at an end office. Access minutes for all Switched Access Service subject to the Shared End Office Trunk Port will be multiplied by the per minute rate set forth in 31.6 following.

The STP Port rate provides for the point of termination to the signal switching capability of the STP. The STP provides the customer access to the Telephone Company SS7 Network and is dedicated to the customer. The STP Port rate applies on a per month basis.

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(M)

Certain regulations on this page formerly appeared on 5th Revised Page 6-24.1 and 10th Revised Page 6-97.1.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.3 Rate Categories (Cont'd)(B) Local Switching (Cont'd)

The Dedicated End Office Trunk Port provides for the termination of (S) (x)
Direct Trunked Transport trunks at an end office. The Dedicated End (S) (x)
Office Trunk Port rate, set forth in 31.6 following, applies per (S) (x)
activated trunk for all trunkside services terminating at either analog (C) (y)
or digital end offices. (S) (x)

Where end offices are appropriately equipped, international dialing may
be provided as a capability associated with LS2 local dial switching for
Feature Groups C and D, and LS2-BSA local dial switching for CST BSA -
Option 2 and 3. International dialing provides the capability of
switching international calls with service prefix and address codes
having more digits than are capable of being switched through a standard
FGC, FGD or CST BSA - Option 2 or 3 equipped end office.

Rates for LS1, LS2, LS1-BSA and LS2-BSA are set forth in 31.6 following.
The application of these rates with respect to individual Switched
Access Service Arrangements is as set forth in 6.7.1(D) following.

Various Common Switching optional features and BSEs and Transport
Termination and WATS Access Line Service Termination optional features
are available and are described in 6.3 following.

(x) Material became effective January 1, 1998 under Transmittal No. 477. See
Supplement No. 139.

(y) Issued on not less than 4 days' notice under authority of Special Permission
No. 98-12 of the Federal Communications Commission.

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January 25, 1998

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.4 Special Facilities Routing

Any customer may request that the facilities used to provide Switched Access Service be specially routed. The regulations for Special Facilities Routing (i.e., Avoidance, Diversity and Cable-Only) are set forth in 11. following.

6.1.5 Design Layout Report

At the request of the customer, the Telephone Company will provide to the customer the makeup of the facilities and services provided from the customer's premises to the first point of switching. This information will be provided in the form of a Design Layout Report. The Design Layout Report will be provided to the customer at no charge, and will be reissued or updated whenever these facilities are materially changed.

6.1.6 Acceptance Testing

At no additional charge, the Telephone Company will, at the customer's request, cooperatively test, at the time of installation, the following parameters: loss, C-notched noise, C-message noise, 3-tone slope, d.c. continuity and operational signaling. When the Local Transport is provided with Interface Groups 2, 6, 7* and 9, and the Transport Termination is two-wire (i.e., there is a four-wire to two-wire conversion in Local Transport), balance parameters (equal level echo path loss) may also be tested.

6.1.7 Ordering Options and Conditions

Switched Access Service is ordered under the Access Order provisions set forth in Section 5. preceding. Also, included in that section are other charges which may be associated with ordering Switched Access Service (e.g., Service Date Change Charges, Cancellation Charges, etc.).

* New England Telephone only

Certain regulations previously found on this page can now be found on Original Page 6-27.1.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.8 CCSA and SS7 Signaling Option Testing Requirements

When CCSA and/or the SS7 signaling option with FGD or CST BSA - Option 3 is ordered, network compatibility and other operational tests will be performed cooperatively by the Telephone Company and the customer. These tests will verify the capabilities as set forth in the Technical Publication TR-TSV-000905 and TR-TSV-000962.

6.1.9 Switched Wideband Capability Testing Requirements

When Switched Wideband Capability is ordered for use with the SS7 signaling and 64 kbps Clear Channel Capability options, network compatibility and other operational tests will be performed cooperatively by the Telephone Company and the customer. These tests will verify the capabilities as set forth in the Technical Publication TR-NWT-001357.

(N)

(N)

(N)

(N)

(N)

(N) (x)

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Effective: November 11, 1994

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service

Switched Access Service is provided in four bundled Feature Group arrangements or in two unbundled Basic Serving Arrangements. The provision of each Feature Group or BSA requires Local Switching and Local Transport facilities and the appropriate Local Switching functions. In addition, WATS Access Line Service as described in 7.2.10 following may, at the option of the customer, be provided for use with all Switched Access Service Arrangements.

(C)

There are also various Local Transport and Local Switching optional features available with the Feature Groups. Unless specifically stated otherwise, these optional features are available at all Telephone Company end office switches with the following exceptions. WATS Access Line Service Termination optional features are available only in end offices designated as WATS serving offices.

There are also various Local Transport and Local Switching optional features and BSEs available with a BSA. Unless specifically stated otherwise, these BSEs and optional features are available at all Telephone Company end office switches with the following exceptions. WATS Access Line Service Termination optional features and BSEs are available only in end offices designated as WATS serving offices.

There are three specific transmission specifications (i.e., Types A, B and C) that have been identified for the provision of Switched Access Service Arrangements. The specifications provided are dependent on the Interface Group and the routing of the service, i.e., whether the service is routed directly to the end office or via an access tandem. The parameters for the transmission specifications are set forth in 6.4.1 following.

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~~December 31, 1997~~
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(T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)

Switched Access Service Arrangements are arranged for either originating, terminating or two-way calling, based on the customer end office switching capacity ordered. Originating calling permits the delivery of calls from Telephone Exchange Service locations to the customer's premises, multiplexing node or virtual collocation arrangement. Terminating calling permits the delivery of calls from the customer's premises, multiplexing node or virtual collocation arrangement to Telephone Exchange Service locations. Two-way calling permits the delivery of calls in both directions, but not simultaneously. For Direct Trunked Transport the Telephone Company will work cooperatively with the customer to determine the directionality required.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd) (C)

Following are detailed descriptions of each of the available Switched Access Service Arrangements, Entrance Facilities and Direct Trunked Transport. (C)

Each Feature Group is described in terms of its specific physical characteristics and calling patterns, the transmission specifications with which it is provided, the optional features available for use with it and the standard testing capabilities. (C)

Each BSA is described in terms of its specific physical characteristics and calling patterns, the transmission specifications with which it is provided, the optional features and BSEs available for use with it, and the standard testing capabilities.

Each type of Entrance Facility and Direct Trunked Transport is described in terms of its specific physical characteristics, the transmission specifications with which it is provided and the capacity of transmission paths which may be carried over it. (N)
(N)
(N)
(N)

6.2.1 Feature Group A (FGA)(A) Description

- (1) FGA is provided in connection with Telephone Company electronic and electromechanical end offices. At the option of the customer, FGA is provided on a single or multiple line group basis and is arranged for originating calling only, terminating calling only, or two-way calling.
- (2) FGA provides a line side termination at the first point of switching. The line side termination will be provided with either ground start supervisory signaling or loop start supervisory signaling. The type of signaling is at the option of the customer.
- (3) The Telephone Company shall select the first point of switching where Telephone Company facilities and measurement capabilities exist, within the selected LATA, at which the line side termination is to be provided. Where the customer requests a different first point of switching within the selected LATA, the Telephone Company will accommodate such a request if Telephone Company facilities and measurement capabilities are available.
- (4) A seven digit local telephone number assigned by the Telephone Company is provided for access to FGA switching in the originating direction. The seven digit local telephone number will be associated with the selected end office switch and is of the form NXX-XXXX.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)

(C)

6.2.1 Feature Group A (FGA) (Cont'd)(A) Description (Cont'd)

(4) (Cont'd)

If the customer requests a specific seven digit telephone number that is not currently assigned, and the Telephone Company can, with reasonable effort, and subject to the availability of Telephone Company facilities and measurement capabilities, comply with that request, the requested number will be assigned to the customer.

- (5) FGA switching, when used in the terminating direction, is arranged with dial tone start-dial signaling. When used in the terminating direction FGA switching may, at the option of the customer, be arranged for dial pulse or dual tone multifrequency address signaling, subject to availability of equipment at the first point of switching. When FGA switching is provided in a hunt group or uniform call distribution arrangement, all FGA switching will be arranged for the same type of address signaling.

- (6) No address signaling is provided by the Telephone Company when FGA Switching is used in the originating direction. Address signaling in such cases, if required by the customer, must be provided by the customer's end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Local Transport provided.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.1 Feature Group A (FGA) (Cont'd)(A) Description (Cont'd)

- (7) FGA switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, local operator service (0- and 0+), Directory Assistance (411 where available and 555-1212), emergency reporting service (911 where available), exchange telephone repair (611 where available), time or weather announcement services of the Telephone Company, community information services of an information service provider, and other customers' services (by dialing the appropriate digits). Charges for FGA terminating calls requiring operator assistance or calls to 611 or 911 will only apply where sufficient call details are available. Additional non-access charges will also be billed on a separate account for (1) an operator surcharge, as set forth in the local exchange tariffs, for local operator assistance (0- and 0+) calls and, (2) calls from a FGA line to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. For FGA calls to Directory Assistance (411 and 555-1212, whichever is available), Switched Access Service usage rates will not apply. Instead, FGA calls to this service are subject to the Directory Assistance and Directory Access Service per call rates as set forth in 31.9 following. (C)
- (8) When a FGA switching arrangement for an individual customer (a single line or entire hunt group) is discontinued at an end office, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.
- (9) When a WAL Service is provided in conjunction with a FGA Switched Access Service, the customer will be provided with Routing of IntraLATA Calls to the Telephone Company for Use with WATS Access Line Service option.

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6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

(C)

6.2.1 Feature Group A (FGA) (Cont'd)

(B) Optional Features

(1) Common Switching Optional Features

- (a) Hunt Group Arrangement
- (b) Uniform Call Distribution Arrangement
- (c) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement
- (d) Call Denial
- (e) Service Code Denial
- (f) Hunt Group Arrangement for Use with WATS Access Line Service
- (g) Uniform Call Distribution Arrangement for Use with WATS Access Line Service
- (h) Nonhunting Number for Use with Hunt Group Arrangement for Use with WATS Access Line Service

(2) Transport Termination Optional Features

- (a) Two-way operation with dial pulse address signaling and loop start supervisory signaling
- (b) Two-way operation with dial pulse address signaling and ground start supervisory signaling
- (c) Two-way operation with dual tone multifrequency address signaling and loop start supervisory signaling
- (d) Two-way operation with dual tone multifrequency address signaling and ground start supervisory signaling
- (e) Terminating operation with dial pulse address signaling and loop start supervisory signaling
- (f) Terminating operation with dial pulse address signaling and ground start supervisory signaling

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)

(C)

6.2.1 Feature Group A (FGA) (Cont'd)(B) Optional Features (Cont'd)(2) Transport Termination Optional Features (Cont'd)

- (g) Terminating operation with dual tone multifrequency address signaling and loop start supervisory signaling
- (h) Terminating operation with dual tone multifrequency address signaling and ground start supervisory signaling
- (i) Originating operation with loop start supervisory signaling
- (j) Originating operation with ground start supervisory signaling

(1) Local Transport Optional Features

- (a) Supervisory Signaling (as set forth in 6.1.3(A)(2)(a) preceding)

- (b) Customer Specified Entry Switch Receive Level

- (2) Certain other features which may be available in connection with Feature Group A are provided under the Telephone Company's local and/or general exchange service tariffs. These are:

- Custom Calling Services
- Terminating Number Screening*
- IntraLATA extensions

(C) Transmission Specifications

FGA is provided with either Type B or Type C Transmission Specifications. The specifications for the associated parameters are guaranteed to the first point of switching. Type C Transmission Specifications are provided with Interface Group 1 and Type B is provided with Interface Groups 2, 6, 7* and 9. Type DB Data Transmission Parameters are provided with FGA to the first point of switching.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)

(C)

6.2.1 Feature Group A (FGA) (Cont'd)(D) Testing Capabilities

FGA is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line and milliwatt (102 type) test line. In addition to the tests described in 6.1.6 preceding which are included with the installation of service, additional Cooperative Acceptance Testing and Nonscheduled Testing are available for FGA as set forth in 13.3.5 following.

6.2.2 Feature Group B (FGB)(A) Description

- (1) FGB, when directly routed to an end office (i.e., provided without the use of an access tandem switch), is provided at appropriately equipped Telephone Company electronic end office switches. When provided via Telephone Company designated electronic access tandem switches, FGB switching is provided at Telephone Company electronic and electromechanical end office switches.
- (2) FGB is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with wink start start-pulsing signals and answer and disconnect supervisory signaling.
- (3) FGB switching is provided with multifrequency address signaling in both the originating and terminating directions. Except for FGB switching provided with the automatic number identification (ANI) or rotary dial station signaling arrangements as set forth in 6.3 following, any other address signaling in the originating direction, if required by the customer, must be provided by the customer's end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Local Transport provided.

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6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

(C)

6.2.2 Feature Group B (FGB) (Cont'd)

(A) Description (Cont'd)

- (4) The access code for non-900 Access Service FGB switching is a uniform access code. The form of the uniform access code is 950-XXXX for carriers. These uniform access codes will be the assigned access numbers of all non-900 Access Service FGB Switched Access Service provided to the customer by the Telephone Company. No access code is required for FGB Switching used to provide 900 Access Service. The telephone number dialed by the customer's end user is in the form 1+900+NXX-XXXX.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.2 Feature Group B (FGB) (Cont'd)(A) Description (Cont'd)

- (5) FGB switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Telephone Company, community information services of an information service provider and other customers' services (by dialing the appropriate digits). When directly routed to an end office, only those valid NXX codes served by that end office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed. Additionally, non-access charges will also be billed for calls from a FGB trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-XXXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 and 555-1212), service codes 611 and 911, or 101XXXX access codes. Calls will be completed to Directory Assistance (NPA-555-1212 or 555-1212) when FGB switching is combined with Directory Assistance switching. The combination of FGB Switched Access Service with DA Service is provided as set forth in 9. following. FGB may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, C, D or CST BSA - Option 1, 2 or 3. (C)

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)

(C)

6.2.2 Feature Group B (FGB) (Cont'd)(A) Description (Cont'd)

- (6) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGB switching is provided. When required by technical limitations or network considerations, a separate trunk group will be established for each type of FGB switching arrangement provided. Different types of FGB or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.
- (7) When all FGB switching arrangements are discontinued at an end office and/or in a LATA, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.
- (8) When a WAL Service is provided in conjunction with a FGB Switched Access Service, the customer will be provided with the Routing of IntraLATA Calls to the Telephone Company for Use with WATS Access Line Service option.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)

(C)

6.2.2 Feature Group B (FGB) (Cont'd)(B) Optional Features(1) Common Switching Optional Features

- (a) Automatic Number Identification (ANI)
- (b) Up to 7 Digit Outpulsing of Access Digits to Customer
- (c) Alternate Traffic Routing
- (d) Hunt Group Arrangement for Use with WATS Access Line Service
- (e) Uniform Call Distribution Arrangement for Use with WATS Access Line Service
- (f) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Access Line Service
- (g) Multiple Trunk Routing

(2) Transport Termination Optional Features

- (a) Rotary Dial Station Signaling

(3) Local Transport Optional Features

- (a) Customer Specification of Local Transport Termination
- (b) Supervisory Signaling (as set forth in 6.1.3(A)(2)(a) preceding)
- (c) Customer Specified Entry Switch Receive Level

(4) WATS Access Line Service Termination Optional Features

- (a) E&M Supervisory Signaling
- (b) Answer Supervision

- (5) Another feature, Terminating Number Screening*, which may be available, in connection with FGB, is provided under the Telephone Company's local and/or general exchange service tariffs.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)

(C)

6.2.2 Feature Group B (FGB) (Cont'd)(C) Transmission Specifications

FGB is provided with either Type B or Type C Transmission Specifications. The specifications for the associated parameters are guaranteed to the end office when routed directly or to the first point of switching when routed via an access tandem. Type C Transmission Specifications are provided with Interface Group 1 and Type B is provided with Interface Groups 2, 6, 7* and 9. Type DB Data Transmission Parameters are provided with FGB to the first point of switching.

(D) Testing Capabilities

FGB is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. In addition to the tests described in 6.1.6 preceding which are included with the installation of service, additional Cooperative Acceptance Testing, Automatic Scheduled Testing, Cooperative Scheduled Testing, Manual Scheduled Testing and Nonscheduled Testing are available as set forth in 13.3.5 following.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)

(C)

6.2.3 Feature Group C (FGC)(A) Description

- (1) FGC is provided at all Telephone Company end office switches on a direct trunk basis or via Telephone Company designated access tandem switches. FGC switching is provided to the customer (i.e., providers of MTS and WATS) at an end office switch unless Feature Group D or CST BSA - Option 3 end office switching is provided in the same office. When FGD or CST BSA - Option 3 switching is available, FGC switching will not be provided.
- (2) FGC is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with answer and disconnect supervisory signaling. Wink start start-pulsing signals are provided in all offices where available. In those offices where wink start start-pulsing signals are not available, delay dial start-pulsing signals will be provided, unless immediate dial pulse signaling is provided, in which case no start-pulsing signals are provided.
- (3) FGC is provided with multifrequency address signaling except in certain electromechanical end office switches where multifrequency signaling is not available. In such switches, the address signaling will be dial pulse, revertive pulse, immediate dial pulse or panel call indicator signaling, whichever is available. Up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signals will be provided by Telephone Company equipment to the customer's premises where the Switched Access Service terminates. Such called party number signals will be subject to the ordinary transmission capabilities of the Local Transport provided.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.3 Feature Group C (FGC) (Cont'd)(A) Description (Cont'd)

- (4) No access code is required for FGC switching. The telephone number dialed by the customer's end user shall be a seven to eleven digit number for calls in the North American Numbering Plan (NANP). For international calls outside the NANP, a seven to twelve digit number may be dialed. The form of the numbers dialed by the customer's end user is NXX-XXXX, 0 or 1+NXX-XXXX, NPA+NXX-XXXX, 0 or 1+NPA+NXX-XXXX, and, when the end office is equipped for International Direct Distance Dialing (IDDD), 01+CC+NN or 011+CC+NN.
- (5) FGC switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Telephone Company, community information services of an information provider, and other customers' services (by dialing the appropriate codes) when the services can be reached using valid NXX codes. When directly routed to an end office, only those valid NXX codes served by that office may be accessed. When routed through an access tandem, only those valid NXX codes served by offices subtending the access tandem may be accessed. Additionally, non-access charges will also be billed for calls from a FGC trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-XXXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 and 555-1212), service codes 611 and 911, or 101XXXX access codes. Calls will be completed to Directory Assistance (NPA-555-1212 and 555-1212) when FGC switching is combined with Directory Assistance switching. The combination of FGC Switched Access Service with DA Service is provided as set forth in 9. following. FGC may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, C, D or CST BSA - Option 1, 2 or 3. (C)

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd) (C)6.2.3 Feature Group C (FGC) (Cont'd)(A) Description (Cont'd)

- (6) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGC switching is provided. When required by technical limitations, a separate trunk group will be established for each type of FGC switching arrangement provided. Different types of FGC or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.

(B) Optional Features(1) Common Switching Optional Features

- (a) Automatic Number Identification (ANI)
- (b) Service Class Routing
- (c) Dial Pulse Address Signaling
- (d) Revertive Pulse Address Signaling
- (e) Delay Dial Start-Pulse Signaling
- (f) Immediate Dial Pulse Address Signaling
- (g) Panel Call Indicator Address Signaling
- (h) Alternate Traffic Routing
- (i) End Office End User Line Service Screening for Use with WATS Access Line Service
- (j) Hunt Group Arrangement for Use with WATS Access Line Service
- (k) Uniform Call Distribution Arrangement for Use with WATS Access Line Service
- (l) Nonhunting Number for Use with Hunt Group Arrangement or
- (m) Uniform Call Distribution Arrangement for Use with WATS Access Line Service
- (n) Band Advance Arrangement for Use with WATS Access Line Service
- (o) Multiple Trunk Routing

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6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

(C)

6.2.3 Feature Group C (FGC) (Cont'd)

(B) Optional Features (Cont'd)

(2) Transport Termination Optional Features

- (a) Operator Trunks - i.e., Coin, Non-Coin and Combined Coin and Non-Coin. (Non-Coin Trunks are provided at Telephone Company electronic and electromechanical end offices. Coin and Combined Coin and Non-Coin are provided only at Telephone Company electronic end offices and other Telephone Company end offices where equipment is available.)

- (b) Operator Trunk-Full Feature

(3) Local Transport Optional Features

- (a) Supervisory Signaling (as set forth in 6.1.3(A)(2)(a) preceding)

(4) WATS Access Line Service Termination Optional Features

- (a) E&M Supervisory Signaling

- (b) Answer Supervision

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.3 Feature Group C (FGC) (Cont'd)(C) Transmission Specifications

FGC is provided with either Type B or Type C Transmission Specifications as follows:

- When routed directly to the end office either Type B or Type C is provided.
- When routed to an access tandem only Type B is provided.
- Type B or Type C is provided on the transmission path from the access tandem to the end office.

Type C Transmission Specifications are provided with Interface Group 1 when routed directly to an end office. Type B is provided with Interface Groups 2, 6, 7* and 9 whether routed directly to an end office or to an access tandem.

Type DB Data Transmission Parameters are provided with FGC for the transmission path between the customer's premises, multiplexing node or virtual collocation arrangement and the end office when directly routed to the end office, and Type DB Data Transmission Parameters are provided for the transmission path between the customer's premises, multiplexing node or virtual collocation arrangement and the access tandem and between the access tandem and the end office when routed via an access tandem.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)

(C)

6.2.3 Feature Group C (FGC) (Cont'd)(D) Testing Capabilities

FGC is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. In addition to the tests described in 6.1.6 preceding which are included with the installation of service, additional Cooperative Acceptance Testing, Automatic Scheduled Testing, Cooperative Scheduled Testing or Manual Scheduled Testing, and Nonscheduled Testing are available as set forth in 13.3.5 following for FGC.

6.2.4 Feature Group D (FGD)(A) Description

- (1) FGD is provided at Telephone Company designated end office switches whether routed directly or via Telephone Company designated access tandem switches.

For FGD with the SS7 signaling option, the CCSA signaling connection is provided to Telephone Company designated STPs.

- (2) FGD is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment may be provided with wink start start-pulsing signals and answer and disconnect supervisory signaling, or without signaling when the SS7 signaling option is specified.

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6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

(A) Description (Cont'd)

- (3) Feature Group D switching may be provided, at the customer's option, with multifrequency address signaling or common channel signaling.

With multifrequency address signaling, up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signals will be provided by Telephone Company equipment to the customer's premises or multiplexing node where the Switched Access Service terminates. Such address signals will be subject to the ordinary transmission capabilities of the Local Transport provided.

(C)
(C)

With common channel signaling, up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signals will be provided by Telephone Company equipment to the customer's designated premises via a Common Channel Signaling Access (CCSA) circuit. The SS7 signaling option requires the customer to order CCSA links as described in 6.1.3(A)(2)(e) preceding.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.4 Feature Group D (FGD) (Cont'd)(A) Description (Cont'd)

- (4) FGD switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Telephone Company, community information services of an information service provider, and other customers' services (by dialing the appropriate codes) when such services can be reached using valid NXX codes. When directly routed to an end office, only those valid NXX codes served by that office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed. Additionally, non-access charges will also be billed for calls from a FGD trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-XXXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 and 555-1212), service codes 611 and 911, or 101XXXX access codes. Calls will be completed to Directory Assistance (NPA-555-1212 and 555-1212) when FGD switching is combined with Directory Assistance switching. The combination of FGD Switched Access Service with DA Service is provided as set forth in 9. following. FGD may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, C, D or CST BSA - Option 1, 2 or 3. (C)
- (5) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access or TOPS tandem switches where FGD switching is provided and where technically feasible. When required by technical limitations, a separate trunk group will be established for each type of FGD switching arrangement provided. Different types of FGD or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.4 Feature Group D (FGD) (Cont'd)(A) Description (Cont'd)

- (6) The access code for FGD switching is a uniform access code of the form 101XXXX. These uniform access codes will be the assigned access numbers of all FGD access provided to the customer by the Telephone Company. No access code is required for calls which originate from a WATS Access Line (WAL) Service. No access code is required for calls to a customer over FGD Switched Access Service if the end user's telephone exchange service or the customer's Feature Group A or CSL BSA Switched Access Service is arranged for presubscription to that customer, as set forth in 13. following. Where Minimum Divergence Access Service is provided, the 101XXXX access codes are not available. (C)
- When FGD is provided with Prepaid Calling Service Access, calls will be originated using the Telephone Company's Prepaid Calling Service 800 number and the customer's access code which will be of the form XXXX. The customer's access code will be requested from the calling end user after they have dialed the Prepaid Calling Service 800 number the first time the Prepaid Calling Service card is used for an interLATA, interstate or international call. (C)
- Where no access code is required, or available, the number dialed by the end user shall be a seven to eleven digit number for calls in the North American Numbering Plan (NANP). Where International Direct Distance Dialing (IDDD) is available for calls outside the NANP, a seven to twelve digit number may be dialed. The form of the numbers dialed by the end user is NXX-XXXX, 0 or 1+NXX-XXXX, NPA+NXX-XXXX, 0 or 1+NPA+NXX-XXXX, and, when the end office is equipped for International Direct Distance Dialing (IDDD), 01+CC+NN or 011+CC+NN. Calls originating from a WAL Service by the end user's dialing 800+NXX-XXXX, 1+800+NXX-XXXX, 900+NXX-XXXX or 1+900+NXX-XXXX will be routed to the Switched Access Service of the 800 or 900 service provider. Calls originating from a WAL Service by the end user's dialing unassigned NXXs, local operator assistance (0-), service codes (211, 611 and 911), directory assistance (411), 500+NXX-XXXX, 1+500+NXX-XXXX, or 101XXXX access codes will not be completed. All other calls originating from a WAL Service (excluding intra-Connecticut calls as prohibited by State Law, Public Act 87-415) will be routed to the particular customer for use with whose Feature Group D Switched Access Service the WAL Service is ordered. (C)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.4 Feature Group D (FGD) (Cont'd)(A) Description (Cont'd)

(6) (Cont'd)

These dialing provisions apply for WAL Service not equipped with the Routing of IntraLATA Calls to the Telephone Company for Use with WATS Access Line Service option.

When the 101XXXX access code is used, FGD switching also provides for dialing the digit 0 for access to the customer's operator, 911 for access to the Telephone Company's emergency reporting service, or the end-of-dialing digit (#) for cut-through access to the customer's premises.

(C)

When FGD is provided with SWITCHWAY Service Access Capability, the dialing pattern will be modified as follows. In the originating direction, when no access code is required, end users at suitably equipped end user premises can activate the capability in the end office by dialing #56+1+10 digits. When the 101XXXX access code is used, the end user dials #56+101XXXX+10 digits.

(C)

(C)

(7)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

(A) Description (Cont'd)

- (8) FGD switching will be arranged to accept calls from telephone exchange service, Feature Group A, or CSL BSA Switched Access Service locations without the need for dialing 101XXXX uniform access code. Each telephone exchange service line, Feature Group A, or CSL BSA Switched Access Service may be marked with a presubscription code to identify which 101XXXX code its calls will be directed to for interLATA service. Presubscription codes are applied as set forth in Section 13. following. (C) (C)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.4 Feature Group D (FGD) (Cont'd)(A) Description (Cont'd)

- (9) When a customer has had FGB access in an end office and subsequently replaces the FGB access with FGD access, at the customer's request and where facilities permit, the Telephone Company will, for a period of 90 days, direct calls dialed by the customer's end users using the customer's previous FGB access code to the customer's FGD access service. The customer must be prepared to handle normally dialed FGD calls as well as calls dialed with the FGB access code which require the customer to receive additional address signaling from the end user. Such calls will be rated as FGD.
- (10) Originating FGD Switched Access Service must be ordered for the completion of sent-paid coin calls. FGD with coin sent-paid capability is provided direct to suitably equipped Telephone Company end offices or via TOPS tandem switches. (C)

(B) Optional Features(1) Common Switching Optional Features

- (a) Automatic Number Identification (ANI)
- (b) Service Class Routing*
- (c) Alternate Traffic Routing**
- (d) International Carrier Option*
- (e) End Office End User Line Service Screening for Use with WATS Access Line Service
- (f) Hunt Group Arrangement for Use with WATS Access Line Service
- (g) Uniform Call Distribution Arrangement for Use with WATS Access Line Service

* Not available with Minimum Divergence Access Service.

** Not available in designated electromechanical end offices or with Minimum Divergence Access Service.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.4 Feature Group D (FGD) (Cont'd)(B) Optional Features (Cont'd)(1) Common Switching Optional Features (Cont'd)

- (e) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Access Line Service
- (f) Band Advance Arrangement for Use with WATS Access Line Service
- (g) Routing of IntraLATA Calls to the Telephone Company for Use with WATS Access Line Service
- (h) SWITCHWAY Service Access Capability
- (i) Multiple Trunk Routing
- (j) Flexible Automatic Number Identification (Flexible ANI)
- (k) Carrier Identification Parameter (N)

(2) Transport Termination Optional Features

- (a) Operator Trunk, Full Feature Arrangement
- (b) Operator Trunk, Assist Feature Arrangement

(3) Local Transport Optional Features

- (a) Supervisory Signaling (as set forth in 6.1.3(A)(2)(a) preceding)
- (b) Signaling System 7 (SS7) Signaling Option (as set forth in 6.1.3(A)(2)(d) preceding)
- (c) Coin sent-paid capability (as set forth in 6.1.3(A)(2)(f) preceding)
- (d) 64 kbps Clear Channel Capability (as set forth in 6.1.3(A)(2)(g) preceding)
- (e) Tandem Signaling (as set forth in 6.1.3(A)(2)(i) preceding)
- (f) Switched Wideband Capability (as set forth in 6.1.3(A)(2)(j) preceding)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.4 Feature Group D (FGD) (Cont'd)(B) Optional Features (Cont'd)(4) WATS Access Line Service Termination Optional Features (M)

(a) E&M Supervisory Signaling (M)

(b) Answer Supervision (M)

(C) Transmission Specifications (M)

FGD is provided with either Type A, Type B or Type C Transmission Specifications as follows: (M)

- When routed directly to the end office either Type B or C is provided. (M)

Regulations on this page formerly appeared on 7th Revised Page 6-50.
(This page filed under Transmittal No. 334)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.4 Feature Group D (FGD) (Cont'd)(C) Transmission Specifications (Cont'd)

- When routed to an access or TOPS tandem only Type A is provided.
- Type A is provided on the transmission path from the access or TOPS tandem to the end office.

Type C Transmission Specifications are provided with Interface Group 1. Type A and Type B Transmission Specifications are provided with Interface Groups 2, 6, 7* and 9.

Type DA Data Transmission Parameters are provided for the transmission path between the customer's premises, multiplexing node or virtual collocation arrangement and the access tandem and between the access tandem and the end office. Type DB Data Transmission Parameters are provided with FGD for the transmission path between the customer's premises, multiplexing node or virtual collocation arrangement and the end office when directly routed to the end office. (C)

(D) Testing Capabilities

FGD is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. In addition to the tests described in 6.1.6 and 6.1.8 preceding which are included with the installation of service, additional Cooperative Acceptance Testing, Automatic Scheduled Testing, Cooperative Scheduled Testing, Manual Scheduled Testing, and Nonscheduled Testing, are available for FGD as set forth in 13.3.5 following.

* New England Telephone only

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)

(C)

6.2.5 Circuit Switched Line (CSL) BSA(A) Description

- (1) CSL BSA is provided in connection with Telephone Company electronic and electromechanical end offices. At the option of the customer, CSL BSA is provided on a single or multiple line group basis and is arranged for originating calling only, terminating calling only, or two-way calling.
- (2) CSL BSA provides a line side termination at the first point of switching. The line side termination will be provided with either ground start supervisory signaling or loop start supervisory signaling. The type of signaling is at the option of the customer.
- (3) The Telephone Company shall select the first point of switching where Telephone Company facilities and measurement capabilities exist, within the selected LATA, at which the line side termination is to be provided. Where the customer requests a different first point of switching within the selected LATA, the Telephone Company will accommodate such a request if Telephone Company facilities and measurement capabilities are available.
- (4) A seven digit local telephone number assigned by the Telephone Company is provided for access to CSL BSA switching in the originating direction. The seven digit local telephone number will be associated with the selected end office switch and is of the form NXX-XXXX.

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December 30, 1993Managing Director - Access Markets
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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)

(C)

6.2.5 Circuit Switched Line (CSL) BSA (Cont'd)(A) Description (Cont'd)

(4) (Cont'd)

If the customer requests a specific seven digit telephone number that is not currently assigned, and the Telephone Company can, with reasonable effort, and subject to the availability of Telephone Company facilities and measurement capabilities, comply with that request, the requested number will be assigned to the customer.

- (5) CSL BSA switching, when used in the terminating direction, is arranged with dial tone start-dial signaling. When used in the terminating direction CSL BSA switching may, at the option of the customer, be arranged for dial pulse or dual tone multifrequency address signaling, subject to availability of equipment at the first point of switching. When CSL BSA switching is provided in a hunt group or uniform call distribution arrangement, all CSL BSA switching will be arranged for the same type of address signaling.

- (6) No address signaling is provided by the Telephone Company when CSL BSA switching is used in the originating direction. Address signaling in such cases, if required by the customer, must be provided by the customer's end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Local Transport provided.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.5 Circuit Switched Line (CSL) BSA (Cont'd)(A) Description (Cont'd)

- (7) CSL BSA switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, local operator service (0- and 0+), Directory Assistance (411 where available and 555-1212), emergency reporting service (911 where available), exchange telephone repair (611 where available), time or weather announcement services of the Telephone Company, community information services of an information service provider, and other customers' services (by dialing the appropriate digits). Charges for CSL BSA terminating calls requiring operator assistance or calls to 611 or 911 will only apply where sufficient call details are available. Additional non-access charges will also be billed on a separate account for (1) an operator surcharge, as set forth in the local exchange tariffs, for local operator assistance (0- and 0+) calls and, (2) calls from a CSL BSA line to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. For CSL BSA calls to Directory Assistance (411 and 555-1212, whichever is available), Switched Access Service usage rates will not apply. Instead, CSL BSA calls to this service are subject to the Directory Assistance and Directory Access Service per call rates as set forth in 31.9 following.

(C)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd) (C)6.2.5 Circuit Switched Line (CSL) BSA (Cont'd)(A) Description (Cont'd)

- (8) When a CSL BSA switching arrangement for an individual customer (a single line or entire hunt group) is discontinued at an end office, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.
- (9) When a WAL Service is provided in conjunction with a CSL BSA Switched Access Service, the customer will be provided with Routing of IntraLATA Calls to the Telephone Company for Use with WATS Access Line Service option.

(B) Basic Service Elements (BSEs) and Optional Features(1) Common Switching BSEs

- (a) Hunt Group Arrangement
- (b) Uniform Call Distribution Arrangement
- (c) Queuing with Uniform Call Distribution Arrangement
- (d) Announcements with Uniform Call Distribution Arrangement
- (e) Hunt Group Arrangement for Use with WATS Access Line Service
- (f) Uniform Call Distribution Arrangement for Use with WATS Access Line Service
- (g) Night Transfer
- (h) Simplified Message Desk Interface (SMDI)
- (i) Hot Line
- (j) Warm Line
- (k) Three Way Calling

(2) Common Switching Optional Features

- (a) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement
- (b) Nonhunting Number for Use with Hunt Group Arrangement for Use with WATS Access Line Service

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)

(C)

6.2.5 Circuit Switched Line (CSL) BSA (Cont'd)(B) Basic Service Elements (BSEs) and Optional Features (Cont'd)(2) Common Switching Optional Features (Cont'd)

(c) Call Denial

(d) Service Code Denial

(3) Transport Termination Optional Features

(a) Two-way operation with dial pulse address signaling and loop start supervisory signaling

(b) Two-way operation with dial pulse address signaling and ground start supervisory signaling

(c) Two-way operation with dual tone multifrequency address signaling and loop start supervisory signaling

(d) Two-way operation with dual tone multifrequency address signaling and ground start supervisory signaling

(e) Termination operation with dial pulse address signaling and loop start supervisory signaling

(f) Terminating operation with dial pulse address signaling and ground start supervisory signaling

(g) Terminating operation with dual tone multifrequency address signaling and loop start supervisory signaling

(h) Terminating operation with dual tone multifrequency address signaling and ground start supervisory signaling

(i) Originating operation with loop start supervisory signaling

(j) Originating operation with ground start supervisory signaling

(4) Local Transport Optional Features

(a) Supervisory Signaling (as set forth in 6.1.3(A)(2)(a) preceding)

(b) Customer Specified Entry Switch Receive Level

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd) (C)6.2.5 Circuit Switched Line (CSL) BSA (Cont'd)(B) Basic Service Elements (BSEs) and Optional Features (Cont'd)

- (5) Certain other features which may be available in connection with CSL BSA are provided under the Telephone Company's local and/or general exchange service tariffs. These are:

- Custom Calling Services (except for Three Way Calling)
- Terminating Number Screening*
- IntraLATA extensions

(C) Transmission Specifications

CSL BSA is provided with either Type B or Type C Transmission Specifications. The specifications for the associated parameters are guaranteed to the first point of switching. Type C Transmission Specifications are provided with Interface Group 1 and Type B is provided with Interface Groups 2, 6, 7* and 9. Type DB Data Transmission Parameters are provided with CSL BSA to the first point of switching.

(D) Testing Capabilities

CSL BSA is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line and milliwatt (102 type) test line. In addition to the tests described in 6.1.6 preceding which are included with the installation of service, additional Cooperative Acceptance Testing and Nonscheduled Testing are available for CSL BSA as set forth in 13.3.5 following.

* New England Telephone only

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)

(C)

6.2.6 Circuit Switched Trunk (CST) BSA

Circuit Switched Trunk BSA is provided in four switched access arrangements. These arrangements are differentiated by their technical characteristics, e.g., the manner in which an end user accesses them in originating calls. The four arrangements are offered as CST BSA - Option 1, CST BSA - Option 2, CST BSA - Option 3 and CST BSA - Option 4. The CST BSA options are provided as set forth in 6.2.7, 6.2.8, 6.2.9 and 6.2.10 following.

6.2.7 Circuit Switched Trunk (CST) BSA - Option 1(A) Description

- (1) CST BSA - Option 1, when directly routed to an end office (i.e., provided without the use of an access tandem switch), is provided at appropriately equipped Telephone Company electronic end office switches. When provided via Telephone Company designated electronic access tandem switches, CST BSA - Option 1 switching is provided at Telephone Company electronic and electromechanical end office switches.
- (2) CST BSA - Option 1 is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with wink start start-pulsing signals and answer and disconnect supervisory signaling.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)

(C)

6.2.7 Circuit Switched Trunk (CST) BSA - Option 1 (Cont'd)(A) Description (Cont'd)

- (3) CST BSA - Option 1 switching is provided with multifrequency address signaling in both the originating and terminating directions. Except for CST BSA - Option 1 switching provided with rotary dial station signaling arrangements as set forth in 6.3 following, any other address signaling in the originating direction, if required by the customer, must be provided by the customer's end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Local Transport provided.
- (4) The access code for non-900 Access Service CST BSA - Option 1 switching is a uniform access code. The form of the uniform access code is 950-XXXX for carriers. These uniform access codes will be the assigned access numbers of all non-900 Access Service CST BSA - Option 1 Switched Access Service provided to the customer by the Telephone Company. No access code is required for CST BSA - Option 1 switching used to provide 900 Access Service. The telephone number dialed by the customer's end user is in the form 1+900+NXX-XXXX.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.7 Circuit Switched Trunk (CST) BSA - Option 1 (Cont'd)(A) Description (Cont'd)

- (5) CST BSA - Option 1 switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Telephone Company, community information services of an information service provider and other customers' services (by dialing the appropriate digits). When directly routed to an end office, only those valid NXX codes served by that end office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed. Additionally, non-access charges will also be billed for calls from a CST BSA - Option 1 trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-XXXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 and 555-1212), service codes 611 and 911, or 101XXXX access codes. Calls will be completed to Directory Assistance (NPA-555-1212 or 555-1212) when CST BSA - Option 1 switching is combined with Directory Assistance switching. The combination of CST BSA - Option 1 Switched Access Service with DA Service is provided as set forth in 9. following. CST BSA - Option 1 may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, C, D or CST BSA - Option 1, 2 or 3. (C)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd) (C)6.2.7 Circuit Switched Trunk (CST) BSA - Option 1 (Cont'd)(A) Description (Cont'd)

- (6) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where CST BSA - Option 1 switching is provided. When required by technical limitations or network considerations, a separate trunk group will be established for each type of CST BSA - Option 1 switching arrangement provided. Different types of CST BSA - Option 1 or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.
- (7) When all CST BSA - Option 1 switching arrangements are discontinued at an end office and/or in a LATA, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.
- (8) When a WAL Service is provided in conjunction with a CST BSA - Option 1 Switched Access Service, the customer will be provided with the Routing of IntraLATA Calls to the Telephone Company for Use with WATS Access Line Service option.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd) (C)6.2.7 Circuit Switched Trunk (CST) BSA - Option 1 (Cont'd)(B) Basic Service Elements (BSEs) and Optional Features(1) Common Switching BSEs

- (a) Alternate Routing - Multiple Customer Premises Routing
- (b) Trunk Group Make Busy

(2) Common Switching Optional Features

- (a) Up to 7 Digit Outpulsing of Access Digits to Customer
- (b) Alternate Traffic Routing - End Office Alternate Routing
- (c) Hunt Group Arrangement for Use with WATS Access Line Service
- (d) Uniform Call Distribution Arrangement for Use with WATS Access Line Service
- (e) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Access Line Service
- (f) Multiple Trunk Routing

(3) Transport Termination Optional Features

- (a) Rotary Dial Station Signaling

(4) Local Transport Optional Features

- (a) Customer Specification of Local Transport Termination
- (b) Supervisory Signaling (as set forth in 6.1.3(A)(2)(a) preceding)
- (c) Customer Specified Entry Switch Receive Level

(5) WATS Access Line Service Termination Optional Features

- (a) E&M Supervisory Signaling
- (b) Answer Supervision

- (6) Another feature, Terminating Number Screening*, which may be available, in connection with CST BSA - Option 1 is provided under the Telephone Company's local and/or general exchange service tariffs.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)

(C)

6.2.7 Circuit Switched Trunk (CST) BSA - Option 1 (Cont'd)(C) Transmission Specifications

CST BSA - Option 1 is provided with either Type B or Type C Transmission Specifications. The specifications for the associated parameters are guaranteed to the end office when routed directly or to the first point of switching when routed via an access tandem. Type C Transmission Specifications are provided with Interface Group 1 and Type B is provided with Interface Groups 2, 6, 7* and 9. Type DB Data Transmission Parameters are provided with CST BSA - Option 1 to the first point of switching.

(D) Testing Capabilities

CST BSA - Option 1 is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. In addition to the tests described in 6.1.6 preceding which are included with the installation of service, additional Cooperative Acceptance Testing, Automatic Scheduled Testing, Cooperative Scheduled Testing, Manual Scheduled Testing and Nonscheduled Testing are available as set forth in 13.3.5 following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.8 Circuit Switched Trunk (CST) BSA - Option 2(A) Description

- (1) CST BSA - Option 2 is provided at all Telephone Company end office switches on a direct trunk basis or via Telephone Company designated access tandem switches. CST BSA - Option 2 switching is provided to the customer (i.e., providers of MTS and WATS) at an end office switch unless CST BSA - Option 3 end office switching is provided in the same office. When CST BSA - Option 3 switching is available, CST BSA - Option 2 switching will not be provided.
- (2) CST BSA - Option 2 is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with answer and disconnect supervisory signaling. Wink start start-pulsing signals are provided in all offices where available. In those offices where wink start start-pulsing signals are not available, delay dial start-pulsing signals will be provided, unless immediate dial pulse signaling is provided, in which case no start-pulsing signals are provided.
- (3) CST BSA - Option 2 is provided with multifrequency address signaling except in certain electromechanical end office switches where multifrequency signaling is not available. In such switches, the address signaling will be dial pulse, revertive pulse, immediate dial pulse or panel call indicator signaling, whichever is available. Up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signals will be provided by Telephone Company equipment to the customer's premises or multiplexing node where the Switched Access Service terminates. Such called party number signals will be subject to the ordinary transmission capabilities of the Local Transport provided. (C)
(C)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.8 Circuit Switched Trunk (CST) BSA - Option 2 (Cont'd)(A) Description (Cont'd)

- (4) No access code is required for CST BSA - Option 2 switching. The telephone number dialed by the customer's end user shall be a seven to eleven digit number for calls in the North American Numbering Plan (NANP). For international calls outside the NANP, a seven to twelve digit number may be dialed. The form of the numbers dialed by the customer's end user is NXX-XXXX, 0 or 1+NXX-XXXX, NPA+NXX-XXXX, 0 or 1+NPA+NXX-XXXX, and, when the end office is equipped for International Direct Distance Dialing (IDDD), 01+CC+NN or 011+CC+NN.
- (5) CST BSA - Option 2 switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Telephone Company, community information services of an information provider, and other customers' services (by dialing the appropriate codes) when the services can be reached using valid NXX codes. When directly routed to an end office, only those valid NXX codes served by that office may be accessed. When routed through an access tandem, only those valid NXX codes served by offices subtending the access tandem may be accessed. Additionally, non-access charges will also be billed for calls from a CST BSA - Option 2 trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-XXXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 and 555-1212), service codes 611 and 911, or 101XXXX access codes. Calls will be completed to Directory Assistance (NPA-555-1212 and 555-1212) when CST BSA - Option 2 switching is combined with Directory Assistance switching. The combination of CST BSA - Option 2 Switched Access Service with DA Service is provided as set forth in 9. following. CST BSA - Option 2 may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, C, D or CST BSA - Option 1, 2 or 3. (C)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)

(C)

6.2.8 Circuit Switched Trunk (CST) BSA - Option 2 (Cont'd)(A) Description (Cont'd)

- (6) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where CST BSA - Option 2 switching is provided. When required by technical limitations, a separate trunk group will be established for each type of CST BSA - Option 2 switching arrangement provided. Different types of CST BSA - Option 2 or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.

(B) Basic Service Elements (BSEs) and Optional Features(1) Common Switching BSEs

- (a) Alternate Routing - Multiple Customer Premises Routing

(2) Common Switching Optional Features

- (a) Service Class Routing
(b) Dial Pulse Address Signaling
(c) Revertive Pulse Address Signaling
(d) Delay Dial Start-Pulse Signaling
(e) Immediate Dial Pulse Address Signaling
(f) Panel Call Indicator Address Signaling
(g) Alternate Traffic Routing - End Office Alternate Routing
(h) End Office End User Line Service Screening for Use with WATS Access Line Service
(i) Hunt Group Arrangement for Use with WATS Access Line Service
(j) Uniform Call Distribution Arrangement for Use with WATS Access Line Service
(k) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Access Line Service
(l) Band Advance Arrangement for Use with WATS Access Line Service
(m) Multiple Trunk Routing

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd) (C)

6.2.8 Circuit Switched Trunk (CST) BSA - Option 2 (Cont'd)

(B) Basic Service Elements (BSEs) and Optional Features (Cont'd)

(3) Transport Termination Optional Features

- (a) Operator Trunks - i.e., Coin, Non-Coin and Combined Coin and Non-Coin. (Non-Coin Trunks are provided at Telephone Company electronic and electromechanical end offices. Coin and Combined Coin and Non-Coin are provided only at Telephone Company electronic end offices and other Telephone Company end offices where equipment is available.)

- (b) Operator Trunk-Full Feature

(4) Local Transport Optional Features

- (a) Supervisory Signaling (as set forth in 6.1.3(A)(2)(a) preceding)

(5) WATS Access Line Service Termination Optional Features

- (a) E&M Supervisory Signaling

- (b) Answer Supervision

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.8 Circuit Switched Trunk (CST) BSA - Option 2 (Cont'd)(C) Transmission Specifications

CST BSA - Option 2 is provided with either Type B or Type C Transmission Specifications as follows:

- When routed directly to the end office either Type B or Type C is provided.
- When routed to an access tandem only Type B is provided.
- Type B or Type C is provided on the transmission path from the access tandem to the end office.

Type C Transmission Specifications are provided with Interface Group 1 when routed directly to an end office. Type B is provided with Interface Groups 2, 6, 7* and 9 whether routed directly to an end office or to an access tandem.

Type DB Data Transmission Parameters are provided with CST BSA - Option 2 for the transmission path between the customer's premises or multiplexing node and the end office when directly routed to the end office, and Type DB Data Transmission Parameters are provided for the transmission path between the customer's premises or multiplexing node and the access tandem and between the access tandem and the end office when routed via an access tandem. (C)
(C)
(C)

* New England Telephone only

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)

(C)

6.2.8 Circuit Switched Trunk (CST) BSA - Option 2 (Cont'd)(D) Testing Capabilities

CST BSA - Option 2 is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. In addition to the tests described in 6.1.6 preceding which are included with the installation of service, additional Cooperative Acceptance Testing, Automatic Scheduled Testing, Cooperative Scheduled Testing or Manual Scheduled Testing, and Nonscheduled Testing are available as set forth in 13.3.5 following for CST BSA - Option 2.

6.2.9 Circuit Switched Trunk (CST) BSA - Option 3(A) Description

- (1) CST BSA - Option 3 is provided at Telephone Company designated end office switches whether routed directly or via Telephone Company designated access tandem switches.

For CST BSA - Option 3 with the SS7 signaling option, the CCSA signaling connection is provided to Telephone Company designated STPs.

- (2) CST BSA - Option 3 is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment may be provided with wink start start-pulsing signals and answer and disconnect supervisory signaling, or without signaling when the SS7 signaling option is specified.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.9 Circuit Switched Trunk (CST) BSA - Option 3 (Cont'd)(A) Description (Cont'd)

- (3) CST BSA - Option 3 switching may be provided, at the customer's option, with multifrequency address signaling or common channel signaling.

With multifrequency address signaling, up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signals will be provided by Telephone Company equipment to the customer's premises or multiplexing node where the Switched Access Service terminates. Such address signals will be subject to the ordinary transmission capabilities of the Local Transport provided.

(C)

(C)

With common channel signaling, up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signals will be provided by Telephone Company equipment to the customer's designated premises via a Common Channel Signaling Access (CCSA) circuit. The SS7 signaling option requires the customer to order CCSA links as described in 6.1.3(A)(2)(e) preceding.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.9 Circuit Switched Trunk (CST) BSA - Option 3 (Cont'd)(A) Description (Cont'd)

- (4) CST BSA - Option 3 switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Telephone Company, community information services of an information service provider, and other customers' services (by dialing the appropriate codes) when such services can be reached using valid NXX codes. When directly routed to an end office, only those valid NXX codes served by that office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed. Additionally, non-access charges will also be billed for calls from a CST BSA - Option 3 trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-XXXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 and 555-1212), service codes 611 and 911, or 101XXXX access codes. Calls will be completed to Directory Assistance (NPA-555-1212 and 555-1212) when CST BSA - Option 3 switching is combined with Directory Assistance switching. The combination of CST BSA - Option 3 Switched Access Service with DA Service is provided as set forth in 9. following. CST BSA - Option 3 may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, C, D or CST BSA - Option 1, 2 or 3. (C)
- (5) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access or TOPS tandem switches where CST BSA - Option 3 switching is provided and where technically feasible. When required by technical limitations, a separate trunk group will be established for each type of CST BSA - Option 3 switching arrangement provided. Different types of CST BSA - Option 3 or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.9 Circuit Switched Trunk (CST) BSA - Option 3 (Cont'd)(A) Description (Cont'd)

- (6) The access code for CST BSA - Option 3 switching is a uniform access code of the form 101XXXX. These uniform access codes will be the assigned access numbers of all CST BSA - Option 3 access provided to the customer by the Telephone Company. No access code is required for calls which originate from a WATS Access Line (WAL) Service. No access code is required for calls to a customer over CST BSA - Option 3 Switched Access Service if the end user's telephone exchange service or the customer's Feature Group A or CSL BSA Switched Access Service is arranged for presubscription to that customer, as set forth in 13. following. Where Minimum Divergence Access Service is provided, the 101XXXX access code is not available. (C)

When CST BSA - Option 3 is provided with Prepaid Calling Service Access, calls will be originated using the Telephone Company's Prepaid Calling Service 800 number and the customer's access code which will be of the form XXXX. The customer's access code will be requested from the calling end user after they have dialed the Prepaid Calling Service 800 number the first time the Prepaid Calling Service card is used for an interLATA, interstate or international call. (C)

Where no access code is required, or available, the number dialed by the end user shall be a seven to eleven digit number for calls in the North American Numbering Plan (NANP). Where International Direct Distance Dialing (IDDD) is available for calls outside the NANP, a seven to twelve digit number may be dialed. The form of the numbers dialed by the end user is NXX-XXXX, 0 or 1+NXX-XXXX, NPA+NXX-XXXX, 0 or 1+NPA+NXX-XXXX, and, when the end office is equipped for International Direct Distance Dialing (IDDD), 01+CC+NN or 011+CC+NN. Calls originating from a WAL Service by the end user's dialing 800+NXX-XXXX, 1+800+NXX-XXXX, 900+NXX-XXXX or 1+900+NXX-XXXX will be routed to the Switched Access Service of the 800 or 900 service provider. Calls originating from a WAL Service by the end user's dialing unassigned NXXs, local operator assistance (0-), service codes (211, 611 and 911), directory assistance (411), 500+NXX-XXXX, 1+500+NXX-XXXX, or 101XXXX access codes will not be completed. All other calls originating from a WAL Service (excluding intra-Connecticut calls as prohibited by State Law, Public Act 87-415) will be routed to the particular customer for use with whose CST BSA - Option 3 Switched Access Service the WAL Service is ordered. (C)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.9 Circuit Switched Trunk (CST) BSA - Option 3 (Cont'd)(A) Description (Cont'd)

(6) (Cont'd)

These dialing provisions apply for WAL Service not equipped with the Routing of IntraLATA Calls to the Telephone Company for Use with WATS Access Line Service option.

When the 101XXXX access code is used, CST BSA - Option 3 switching also provides for dialing the digit 0 for access to the customer's operator, 911 for access to the Telephone Company's emergency reporting service, or the end-of-dialing digit (#) for cut-through access to the customer's premises. (C)

When CST BSA - Option 3 is provided with SWITCHWAY Service Access Capability, the dialing pattern will be modified as follows. In the originating direction, when no access code is required, end users at suitably equipped end user premises can activate the capability in the end office by dialing #56+1+10 digits. When the 101XXXX access code is used, the end user dials #56+101XXXX+10 digits. (C)

(7) Reserved for Future Use (C)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.9 Circuit Switched Trunk (CST) BSA - Option 3 (Cont'd)

(A) Description (Cont'd)

- (8) CST BSA - Option 3 switching will be arranged to accept calls from telephone exchange service, Feature Group A or CSL BSA Switched Access Service locations without the need for dialing the 101XXXX uniform access code. Each telephone exchange service line, Feature Group A or CSL BSA Switched Access Service may be marked with a presubscription code to identify which 101XXXX code its calls will be directed to for interLATA service. Presubscription codes are applied as set forth in Section 13. following. (C)

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.9 Circuit Switched Trunk (CST) BSA - Option 3 (Cont'd)(A) Description (Cont'd)

- (9) When a customer has had CST BSA - Option 1 access in an end office and subsequently replaces the CST BSA - Option 1 access with CST BSA - Option 3 access, at the customer's request and where facilities permit, the Telephone Company will, for a period of 90 days, direct calls dialed by the customer's end users using the customer's previous CST BSA - Option 1 access code to the customer's CST BSA - Option 3 access service. The customer must be prepared to handle normally dialed CST BSA - Option 3 calls as well as calls dialed with the CST BSA - Option 1 access code which require the customer to receive additional address signaling from the end user. Such calls will be rated as CST BSA - Option 3.
- (10) Originating CST BSA - Option 3 Switched Access Service must be ordered for the completion of sent-paid coin calls. CST BSA - Option 3 with coin sent-paid capability is provided direct to suitably equipped Telephone Company end offices or via TOPS tandem switches. (C)
(C)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd) (C)

6.2.9 Circuit Switched Trunk (CST) BSA - Option 3 (Cont'd)

(B) Basic Service Elements (BSEs) and Optional Features

(1) Common Switching BSEs

- (a) Automatic Number Identification (ANI)
- (b) Alternate Routing - Multiple Customer Premises Routing**
- (c) Flexible Automatic Number Identification (Flexible ANI)
- (d) Trunk Group Make Busy**

(2) Common Switching Optional Features

- (a) Service Class Routing*
- (b) Alternate Traffic Routing - End Office Alternate Routing**
- (c) International Carrier Option*
- (d) End Office End User Line Service Screening for Use with WATS Access Line Service
- (e) Hunt Group Arrangement for Use with WATS Access Line Service
- (f) Uniform Call Distribution Arrangement for Use with WATS Access Line Service

* Not available with Minimum Divergence Access Service.

** Not available in designated electromechanical end offices or with Minimum Divergence Access Service.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.9 Circuit Switched Trunk (CST) BSA – Option 3 (Cont'd)(B) Basic Service Elements and Optional Features (Cont'd)(2) Common Switching Optional Features (Cont'd)

- (g) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Access Line Service
- (h) Band Advance Arrangement for Use with WATS Access Line Service
- (i) Routing of IntraLATA Calls to the Telephone Company for Use with WATS Access Line Service
- (j) SWITCHWAY Service Access Capability
- (k) Multiple Trunk Routing

(1) Carrier Identification Parameter

(N)

(3) Transport Termination Optional Features

- (a) Operator Trunk, Full Feature Arrangement
- (b) Operator Trunk, Assist Feature Arrangement

(4) Local Transport Optional Features

- (a) Supervisory Signaling (as set forth in 6.1.3(A)(2)(a) preceding)
- (b) Signaling System 7 (SS7) Signaling Option (as set forth in 6.1.3(A)(2)(d) preceding)
- (c) Coin sent-paid capability (as set forth in 6.1.3(A)(2)(f) preceding)
- (d) 64 kbps Clear Channel Capability (as set forth in 6.1.3(A)(2)(g) preceding)
- (e) Tandem Signaling (as set forth in 6.1.3(A)(2)(i) preceding)
- (f) Switched Wideband Capability (as set forth in 6.1.3(A)(2)(j) preceding).

(5) WATS Access Line Service Termination Optional Features

- (a) E&M Supervisory Signaling
- (b) Answer Supervision

(C) Transmission Specifications

CST BSA – Option 3 is provided with either Type A, Type B or Type C Transmission Specifications as follows:

- When routed directly to the end office either Type B or C is provided.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.9 Circuit Switched Trunk (CST) BSA - Option 3 (Cont'd)(C) Transmission Specifications (Cont'd)

- When routed to an access or TOPS tandem only Type A is provided.
- Type A is provided on the transmission path from the access or TOPS tandem to the end office.

Type C Transmission Specifications are provided with Interface Group 1. Type A and Type B Transmission Specifications are provided with Interface Groups 2, 6, 7* and 9.

Type DA Data Transmission Parameters are provided for the transmission path between the customer's premises or multiplexing node and the access tandem and between the access tandem and the end office. Type DB Data Transmission Parameters are provided with CST BSA - Option 3 for the transmission path between the customer's premises or multiplexing node and the end office when directly routed to the end office. (C)

(D) Testing Capabilities

CST BSA - Option 3 is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. In addition to the tests described in 6.1.6 and 6.1.8 preceding which are included with the installation of service, additional Cooperative Acceptance Testing, Automatic Scheduled Testing, Cooperative Scheduled Testing, Manual Scheduled Testing, and Nonscheduled Testing, are available for CST BSA - Option 3 as set forth in 13.3.5 following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.10 Circuit Switched Trunk (CST) BSA - Option 4
(Direct Inward Dialing (DID))(A) Description

- (1) CST BSA - Option 4 is provided at Telephone Company designated electronic end office switches on a direct end office basis only.
- (2) CST BSA - Option 4 provides a trunk side termination with line treatment at the first point of switching. The trunk side termination is provided with wink start start-pulsing signals and answer and disconnect supervisory signaling.
- (3) CST BSA - Option 4 is provided at the option of the customer with Dial Pulse (DP), Multifrequency (MF), or Dual Tone Multifrequency (DTMF) address signaling at suitably equipped end office switches. When it is provided on a multiple trunk group basis, all of the signaling must be of the same type: The DP, MF, or DTMF address signaling delivers up to seven digits of the called telephone number only, and no other address signaling is provided by the Telephone Company. Additional address signaling, if required by the customer, must be provided by the customer's end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Local Transport provided.
- (4) CST BSA - Option 4 is available in the originating direction. CST BSA Option 4 is available in the terminating direction when ordered with the DNIS on 800 BSE. When CST BSA - Option 4 with DNIS on 800 is ordered, the customer must have an associated CST BSA - Option 1, 2 or 3 Switched Access Service from the customer premises or multiplexing node to the DNIS on 800 serving office.

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(C)

Certain regulations previously found on this page can now be found on Original Page 6-51.26.1.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.10 Circuit Switched Trunk (CST) BSA - Option 4 (Direct Inward Dialing (DID))
(Cont'd)(A) Description (Cont'd)

- | | | |
|-----|---|-------------------|
| (5) | The CST BSA - Option 4 requires a seven digit local telephone number in the form NXX-XXXX which is assigned by the Telephone Company. | (M)
(M) |
| (6) | Usage measurement is not available with originating CST BSA - Option 4, therefore, the monthly originating assumed minutes of use as set forth in 6.7.6. following will be applied per trunk. | (M)
(M)
(M) |
| (7) | When terminating CST BSA - Option 4 is ordered with the DNIS on 800 BSE, the DNIS on 800 BSE must be ordered for all of the trunks in the same trunk group. | (M)
(M)
(M) |

Regulations on this page formerly appeared on 1st Revised Page 61-51.26.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd) (C)6.2.10 Circuit Switched Trunk (CST) BSA - Option 4 (Direct Inward Dialing (DID))(B) Basic Service Elements (BSEs) and Optional Features

(1) Common Switching BSEs

(a) Dialed Number Identification Service (DNIS) on 800

(2) Common Switching Optional Features

(a) Dial Pulse Address Signaling

(b) Multifrequency Address Signaling

(c) Dual Tone Multifrequency Address Signaling

(d) Delay Dial Start-Pulsing Signaling

(e) Immediate Dial Pulse Address Signaling

(3) Blocks of telephone numbers for use with CST BSA - Option 4 are provided under the Telephone Company's state and/or local exchange tariffs

(C) Transmission Specifications

CST BSA - Option 4 is provided with either Type B or Type C Transmission Specifications. The specifications for the associated parameters are guaranteed to the first point of switching. Type C Transmission Specifications are provided with Interface Group 1 and Type B is provided with Interface Groups 2, 6 and 9. Type DB Data Transmission Parameters are provided with CST BSA - Option 4 to the first point of switching.

(D) Testing Capabilities

In addition to the tests described in 6.1.6 preceding which are included with installation of service, additional Cooperative Acceptance Testing and Nonscheduled Testing are available for CST BSA - Option 4 as set forth in 13.3.5 following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.11 Entrance Facilities and Direct Trunked Transport(A) Description(1) Voice Grade

A Voice Grade facility provides voice frequency transmission capability in the nominal frequency range of 300 to 3000 Hz and may be terminated two-wire or four-wire. A Voice Grade Entrance Facility is provided between a customer designated premises and the serving wire center of the customer premises. In those instances where the Telephone Company may be unable to provide Entrance Facilities to the serving wire center of the customer premises, the Telephone Company will provide the service to a mutually agreed upon wire center.

Mileage will be measured based on the V & H coordinates of the customer's appropriate serving wire center and not the alternate wire center the customer is actually served from. Except when the Tandem Signaling option is provided, a Voice Grade Direct Trunked Transport Facility may be provided between the serving wire center of the customer premises or an Intermediate or Super Intermediate Hub and either an end office or an access tandem. When the Tandem Signaling Option is provided, a Voice Grade Direct Trunked Transport Facility may only be provided between the serving wire center of the customer premises or an Intermediate or Super-Intermediate Hub and an end office.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.11 Entrance Facilities and Direct Trunked Transport (Cont'd)(A) Description (Cont'd)(2) DS1 Facility

A DS1 facility provides for the transmission of up to 24 Voice Grade equivalent channels. The actual bit rate and framing formats are a function of the channel interface selected by the customer. A DS1 Entrance Facility is provided between a customer designated premises, multiplexing node or virtual collocation arrangement and the serving wire center of the customer premises, multiplexing node or virtual collocation arrangement. In those instances where the Telephone Company may be unable to provide Entrance Facilities to the serving wire center of the customer premises, multiplexing node or virtual collocation arrangement, the Telephone Company will provide the service to a mutually agreed upon wire center. Mileage will be measured based on the V & H coordinates of the customers's appropriate serving wire center and not the alternate wire center the customer is actually served from. Except when the Tandem Signaling option is provided, a DS1 Direct Trunked Transport facility may be provided between the serving wire center of the customer designated premises, multiplexing node or virtual collocation arrangement and an end office, access tandem or Telephone Company multiplexing Hub. Except when the Tandem Signaling option is provided, DS1 Direct Trunked Transport may also be provided between a Hub and an end office or access tandem. DS1 Direct Trunked Transport with the Tandem Signaling option may be provided between the serving wire center of the customer designated premises, multiplexing node or virtual collocation arrangement and an end office or a Telephone Company multiplexing Hub.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.11 Entrance Facilities and Direct Trunked Transport (Cont'd)(A) Description (Cont'd)(3) DS3 Facility

The DS3 facility provides for the transmission of up to 672 Voice Grade equivalent channels on digital optical equipment and lightwave facilities selected by the Telephone Company. A DS3 Entrance Facility is provided between the customer designated premises, multiplexing node or virtual collocation arrangement and the serving wire center of the customer premises, multiplexing node or virtual collocation arrangement. In those instances where the Telephone Company may be unable to provide Entrance Facilities to the serving wire center of the customer premises, multiplexing node or virtual collocation arrangement, the Telephone Company will provide the service to a mutually agreed upon wire center. Mileage will be measured based on the V & H coordinates of the customer's appropriate serving wire center and not the alternate wire center the customer is actually served from. At the customer premises, multiplexing node or virtual collocation arrangement, an optical fiber interface and digital optical equipment convert the signal from optical to electrical. A 110 volt AC, 15 amperes, separately fused, non-switched controlled, single power outlet must be provided by the customer at the customer designated premises, multiplexing node or virtual collocation arrangement. Except when the Tandem Signaling option is provided, a DS3 Direct Trunked Transport facility may be provided between the serving wire center of the customer designated premises, multiplexing node or virtual collocation arrangement and an end office, access tandem or Telephone Company multiplexing Hub. When the Tandem Signaling option is provided, a DS3 Direct Trunked Transport facility may be provided between the serving wire center of the customer designated premises, multiplexing node or virtual collocation arrangement and an end office or Telephone Company multiplexing Hub. At the option of the customer, a DS3 facility may be provided with an optical interface at four levels of capacity, (i.e., as three (135 Mbps), nine (405 Mbps)*, twelve (560 Mbps) groups) or forty eight (2.488 Gbps) of DS3 facilities. The customer may order a minimum of 1 and a maximum of 3 DS3 facilities for the 135 Mbps capacity; a minimum of 2 and a maximum of 9 DS3 channels for the 405 Mbps capacity; a minimum of 2 and a maximum of 12 DS3 channels for the 560 Mbps capacity; or a minimum of 7 and a maximum of 48 DS3 channels for the 2.488 Gbps capacity. The Optical DS3

* New York Telephone only.

(This page filed under Transmittal No. 494)

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April 18, 1998

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.11 Entrance Facilities and Direct Trunked Transport (Cont'd)(A) Description (Cont'd)(4) DS3 Facility (Cont'd)

may be provided as an Entrance Facility between a customer designated premises and the serving wire center of the customer designated premises subject to the availability of facilities. In those instances where the Telephone Company may be unable to provide Entrance Facilities to the serving wire center of the customer premises, the Telephone Company will provide the service to a mutually agreed upon wire center. Mileage will be measured based on the V & H coordinates of the customer's appropriate serving wire center and not the alternate wire center the customer is actually served from.

The customer must provide Optical Line Terminating Multiplexing Equipment (OLTM) in lieu of Telephone Company provided digital optical equipment. Within each capacity level, individual DS3 facilities will be derived from OLTM equipment at the serving wire center of the customer designated premises. The customer provided OLTM must be compatible with the OLTM equipment employed by the Telephone Company as listed below. The customer may also employ any device that supports an OC3, OC12 or OC48 interface as described in TR-NWT-000253, Issue No. 2 for Synchronous Optical Network (SONET) Transport Systems. The Telephone Company employs the following OLTM equipment:

(C)

New England Telephone (NET)

- NEC Model 1840A for 135 Mbps capacity
- Rockwell Model 1565D for 560 Mbps capacity

New York Telephone (NYT)

- NEC Model 1840A or Rockwell Model 3X50 for 135 Mbps capacity
- AT&T Model FT Series G for 405 Mbps capacity
- NEC Model 31201A or Rockwell Model 1565D for 560 Mbps capacity

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.11 Entrance Facilities and Direct Trunked Transport (Cont'd)(A) Description (Cont'd)(4) DS3 Facility (Cont'd)

The selection of the OLTM will determine the characteristics of the standard interface. The Telephone Company may request cooperative testing through the customer provided equipment (e.g., fiber OLTM, etc.) at the time of installation or in the event of a transmission failure.

(N)
(N)
(N)
(N)
(N)

(B) Channel Interfaces

(M)

Compatible channel interfaces for Voice Grade, DS1 or DS3 Entrance Facilities are set forth in 6.1.3(A)(1) preceding.

(M)
(M)

(C) Transmission Specifications

(M)

The transmission specifications for Voice Grade, DS1 and DS3 facilities are set forth in 6.4 following.

(M)
(M)

Certain regulations on this page formerly appeared on 3rd Revised Page 6-51.29.
(This page filed under Transmittal No. 268)

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Effective: March 4, 1994

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features and Basic Service Elements (BSEs) (C)

Following are descriptions of the various optional features and BSEs that are available in lieu of, or in addition to, the standard features provided with the Switched Access Service Arrangements. They are provided as either Common Switching, Transport Termination or WATS Access Line Service Termination options. (C)

6.3.1 Common Switching(A) Call Denial on Line or Hunt Group

This option allows for the screening of terminating calls within the LATA, and for the completion only of calls to 411, 611, 911, 800, 555-1212, and a Telephone Company specified set of NXXs within the Telephone Company local exchange calling area of the dial tone office in which the arrangement is provided. All other "toll" calls are routed to a reorder tone or recorded announcement. This feature is provided in all Telephone Company electronic end offices and, where available, in electromechanical end offices. It is available as a nonchargeable option with Feature Group A or CSL BSA. (C)

(B) Service Code Denial on Line or Hunt Group

This option allows for the screening of terminating calls within the LATA, and for disallowing completion of calls to 0-, 555 and N11 (e.g., 411, 611, and 911). This feature is provided where available in all Telephone Company electronic end offices and electromechanical end offices. It is available as a nonchargeable option with Feature Group A or CSL BSA. (C)

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February 2, 1992

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features and Basic Service Elements (BSEs) (Cont'd) (C)6.3.1 Common Switching (Cont'd)(C) Hunt Group Arrangement

This option, which is also offered as a BSE with CSL BSA, provides the ability to sequentially access one of two or more line side connections in the originating direction, when the access code of the line group is dialed. This feature is provided in all Telephone Company end offices. FGA or CSL BSA Services with different methods of providing off-hook supervisory signaling (i.e., provided by the customer's equipment vs. forwarded by the customer's equipment when the called party answers) cannot be mixed in the same hunt group arrangement. All lines in the hunt group must be provided in the same manner (i.e., all FGA or all CSL BSA). It is available as a nonchargeable option with Feature Group A or as a chargeable BSE with CSL BSA. (C)

Additionally, FGA or CSL BSA Services provided by multiple customers to the same end user may not be combined in a single hunt group unless the Local Transport Facility mileage distance is the same for each customer [i.e., the distance between each customer's serving wire center and the first point of switching (dial tone office) to which the FGA or CSL BSA Services are ordered is the same]. (C)

(D) Uniform Call Distribution Arrangement

This option, which is also offered as a BSE with CSL BSA, provides a type of multiline hunting arrangement which provides for an even distribution of calls among the available lines in a hunt group. Where available, this feature is provided in Telephone Company electronic end offices only. All lines in the multiline hunting arrangement must be provided in the same manner (i.e., all FGA or all CSL BSA). It is available as a nonchargeable option with Feature Group A or as a chargeable BSE with CSL BSA. (C)

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February 2, 1992

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features
and Basic Service Elements (BSEs) (Cont'd)6.3.1 Common Switching (Cont'd)

- (E) Nonhunting Number for Use with Hunt Group or Uniform Call Distribution Arrangement

This option, provides an arrangement for an individual line within a multiline hunt or uniform call distribution group that provides access to that line within the hunt or uniform call distribution group when it is idle or provides busy tone when it is busy, when the nonhunting number is dialed. Where available, this feature is provided in Telephone Company electronic end offices only. It is available as a nonchargeable option with Feature Group A or CSL BSA.

- (F) Automatic Number Identification (ANI)

Except when Prepaid Calling Service Access is provided, this option, which is also offered as a BSE with CST BSA - Option 3, provides the automatic transmission of a seven or ten digit number and information digits to the customer's premises, multiplexing node or virtual collocation arrangement for calls originating in the LATA, to identify the calling station. When Prepaid Calling Service Access is provided, this option, which is also offered as a BSE with CST BSA - Option 3, provides the automatic transmission of a seven or ten digit number and information digits to the customer's premises, multiplexing node or virtual collocation arrangement for calls originating in the LATA, to identify the call as a Prepaid Calling Service card call. The ANI feature is an end office software function which is associated on a call-by-call basis with (1) all individual transmission paths in a trunk group routed directly between either an end office or an access tandem and a customer's premises, multiplexing node or virtual collocation arrangement, or, where technically feasible, with (2) all individual transmission paths in a trunk group between an end office and an access tandem.

(C)

(C)

(This page filed under Transmittal No. 505)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features and Basic Service Elements (BSEs) (Cont'd)

6.3.1 Common Switching (Cont'd)

(F) Automatic Number Identification (ANI) (Cont'd)

The seven digit ANI telephone number is available with Feature Groups B and C. With these Feature Groups, technical limitations may exist in Telephone Company switching facilities which require ANI to be provided only on a directly trunked basis. ANI will be transmitted on all calls except those originating from multiparty lines, Public Telephone Service lines using Feature Group B, or when an ANI failure has occurred.

(C)
(C)

The ten digit ANI telephone number is only available with Feature Group D or CST BSA - Option 3 provided with multifrequency address signaling. The ten digit ANI telephone number consists of the Numbering Plan Area (NPA) plus the seven digit ANI telephone number.

(This page filed under Transmittal No. 443)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features
and Basic Service Elements (BSEs) (Cont'd)6.3.1 Common Switching (Cont'd)(F) Automatic Number Identification (ANI) (Cont'd)

The ten digit ANI telephone number will be transmitted on all calls except those identified as multiparty line or ANI failure, in which case only the NPA will be transmitted (in addition to the information digit described below).

When the SS7 signaling option is specified, the customer will be provided an ANI equivalent, the Charge Number feature. The Charge Number feature is specified in 6.3.4 following.

With Feature Group C, ANI is provided from end offices at which Telephone Company recording for end user billing is not provided, or where it is not required, as with 800 service. It is not provided from end offices for which the Telephone Company needs to forward ANI to its recording equipment.

Where ANI cannot be provided, (e.g., on calls from 4 and 8 party services), and on calls using Prepaid Calling Service Access, information digits will be provided to the customer. (C)

The information digits identify: (1) telephone number is the station billing number - no special treatment required, (2) multiparty line - telephone number is a 4- or 8-party line and cannot be identified - number must be obtained via an operator or in some other manner, (3) ANI failure has occurred in the end office switch which prevents identification of calling telephone number - must be obtained by operator or in some other manner, (4) hotel/motel originated call which requires room number identification, (5) coinless station, hospital, inmate, etc. call which requires special screening or handling by the customer, (6) call is an Automatic Identified Outward Dialed (AIOD) call from customer premises equipment and (7) call is made using a Prepaid Calling Service card. The ANI telephone number is the listed telephone number of the customer and is not the telephone number of the calling party. (T)
(C)
(C)

(This page filed under Transmittal No. 380)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features and Basic Service Elements (BSEs) (Cont'd)6.3.1 Common Switching (Cont'd)(F) Automatic Number Identification (ANI) (Cont'd)

These ANI information digits are available with Feature Groups B, C, D and CST BSA - Option 3.

ANI is provided as a nonchargeable option with FGB, C and D and as a chargeable BSE with CST BSA - Option 3.

The ANI BSE for use with CST BSA - Option 3 must be ordered, by Carrier Identification Code, on a LATA wide basis.

The ANI information digits shall only be used for billing and collection, routing, screening, and completion of the originating subscriber's call or transaction or for services directly related to the originating subscriber's call or transaction. (N) (x)

The ANI provided shall not be reused or resold without first notifying the originating telephone subscriber and obtaining affirmative consent of the subscriber for reuse or resale. (N) (x)

Unless the originating subscriber has given consent for the reuse or resale, any information provided shall not be used for any purpose other than: (N) (x)

- performing the services or transactions that are the subject of the originating subscriber's call; (N) (x)
- ensuring network performance security, and the effectiveness of call delivery; (N) (x)
- compiling, using and disclosing aggregate information; and, (N) (x)

Certain regulations previously found on this page can now be found on Original Page 6-56.1.

(x) Issued on not less than 2 days' notice under authority of Special Permission No. 95-416 of the Federal Communications Commission.

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Effective: April 12, 1995

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features and Basic Service Elements (BSEs) (Cont'd)6.3.1 Common Switching (Cont'd)

- complying with applicable laws.

The above restrictions shall not prevent the subscriber to the ANI option from using information acquired from an ANI option, such as the telephone number and billing information or information derived from analysis of the characteristics of calls received through the ANI option, to offer a product or service that is directly related to the products or services previously purchased by a customer of the ANI option subscriber.

(G) Up to 7 Digit Outpulsing of Access Digits to Customer

This option provides for the end office capability of providing up to 7 digits of the uniform access code (950-XXXX) to the customer's premises or multiplexing node. The customer can request that only some of the digits in the access code be forwarded. The access code digits would be provided to the customer's premises, multiplexing node or virtual collocation arrangement using multifrequency signaling, and transmission of the digits would precede the forwarding of ANI if that feature were provided. It is available as a nonchargeable option with Feature Group B or CST BSA - Option 1.

(C)
(C)

(H) Revertive Pulse Address Signaling

This option provides for a dc pulsing arrangement that transmits intelligence in the following manner:

- The equipment at the originating location presets itself to represent the number of pulses required and to count the pulses received from the terminating location.
- The equipment at the terminating location transmits a series of pulses by the momentary grounding of its battery supply until the originating location breaks the dc path to indicate that the required number of pulses has been counted.

It is available as a nonchargeable option with Feature Group C or CST BSA - Option 2.

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Effective: ~~April 17, 1998~~
April 18, 1998

Vice President - Access and Network Interconnection Marketing

222 Bloomingdale Rd., White Plains, NY 10605

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features and Basic Service Elements (BSEs) (Cont'd)6.3.1 Common Switching (Cont'd)(I) Delay Dial Start-Pulsing Signaling

This option provides a method of indicating to the near end trunk circuit readiness to accept address signaling information by the far end trunk circuit. Delay dial is often referred to as an off-hook, on-hook signaling sequence. The delay dial signal is the off-hook interval and the start-pulsing signal is the on-hook interval. With integrity check, the calling office will not outpulse until a delay dial (off-hook) signal followed by a start-pulsing (on-hook) signal has been identified at the calling office. It is available as a nonchargeable option with Feature Group C or CST BSA - Option 2 or 4.

(J) Immediate Dial Pulse Address Signaling

This option provides for the forwarding of dial pulses from the Telephone Company end office to the customer without the need of a start-pulsing signal from the customer. It is available as a nonchargeable option with Feature Group C or CST BSA - Option 2 or 4.

(K) Dial Pulse Address Signaling

This trunk side option provides for the transmission of number information, e.g., called number, between the end office switching system and the customer's premises, multiplexing node or virtual collocation arrangement (in either direction) by means of direct current pulses. It is available as a nonchargeable option with Feature Group C or CST BSA - Option 2 or 4.

(C)

(C)

(L) Panel Call Indicator Address Signaling

This option provides a dc pulsing arrangement in which each digit is transmitted as a series of four marginal and polarized impulses. It is available as a nonchargeable option with Feature Group C or CST BSA - Option 2.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features and Basic Service Elements (BSEs) (Cont'd)6.3.1 Common Switching (Cont'd)(M) Service Class Routing

This option provides the capability of directing originating traffic from an end office to a trunk group to a customer designated premises, multiplexing node or virtual collocation arrangement, based on the line class of service (e.g., coin, multiparty or hotel/motel), service prefix indicator (e.g., 0-, 0+, 01+ or 011+), service access code (e.g., 500, 800 or 900) and/or bearer capability. With the exception of Service Class Routing by bearer capability, Service Class Routing is provided in suitably equipped end office or access or TOPS tandem switches and is available as a nonchargeable option with Feature Groups C, D and CST BSA - Option 2 or 3. Service Class Routing by bearer capability is only available in suitably equipped end offices as a nonchargeable option with Feature Group D or CST BSA - Option 3 when ordered with the SS7 Signaling Option. (C) (C)

(N) Alternate Traffic Routing(1) Multiple Customer Premises Alternate Routing

This option provides the capability of directing originating traffic from an end office (or appropriately equipped access tandem) to a trunk group (the "high usage" group) to a customer designated premises, multiplexing node or virtual collocation arrangement until that group is fully loaded, and then delivering additional originating traffic (the "overflowing" traffic) from the same end office or Telephone Company access tandem to a different trunk group (the "final" group) to a second customer designated premises, multiplexing node or virtual collocation arrangement. The customer shall specify the last trunk CCS desired for the high usage group. It is provided in suitably equipped end office switches or suitably equipped Telephone Company access tandem switches and is available as a nonchargeable option with Feature Groups B, C and D. It is not available from end offices where Minimum Divergence Access Service is provided, or in designated electromechanical end offices, or when the Tandem Signaling Option is provided. (C) (C) (C)

(This page filed under Transmittal No. 494)

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April 18, 1998

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features and Basic Service Elements (BSEs) (Cont'd)6.3.1 Common Switching (Cont'd)(N) Alternate Traffic Routing (Cont'd)(2) End Office Alternate Routing When Ordered in Trunks

This option provides an alternate routing arrangement for customers who order in trunks and have access for a particular Switched Access Service Arrangement to an end office via two routes: one route via an access tandem and one direct route. The feature allows the customer's originating traffic from the end office to be offered first to the direct trunk group and then overflow to the access tandem group. It is provided in suitably equipped end offices and is available as a nonchargeable option with Feature Groups B, D or CST BSA - Option 1 or 3. It is not available from end offices where Minimum Divergence Access Service is provided, or in designated electromechanical end offices. When the Tandem Signaling Option is provided, a Tandem Switching Provider's service cannot overflow to a Telephone Company access tandem or vice-versa. Customers can obtain a direct end office route with overflow to either a Telephone Company access tandem or to a Tandem Switching Provider's trunk group, but not both.

(0) Multiple Trunk Routing

This option provides a routing arrangement for customers who have access for a particular Switched Access Service Arrangement from a customer designated premises, multiplexing node or virtual collocation arrangement to an access tandem via two trunk groups. The feature allows the customer's originating traffic to be offered to one trunk group (the high usage group) and then overflow to the second trunk group. The customer shall specify that last trunk CCS desired for the (high usage) trunk group. It is provided in suitably equipped access tandem switches and is available as a nonchargeable option with Feature Groups B, C, D and CST BSA - Option 1, 2 or 3.

(C)
(C)

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April 18, 1998Vice President - Access and Network Interconnection Marketing
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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features and Basic Service Elements (BSEs) (Cont'd)6.3.1 Common Switching (Cont'd)(P) International Carrier Option

This option allows for Feature Group D or CST BSA - Option 3 end office or access tandem switches equipped for International Direct Distance Dialing to be arranged to forward the international calls of one or more international carriers to the customer (i.e., the Telephone Company is able to route originating international calls to a customer other than the one designated by the end user either through presubscription, or 101XXXX dialing). This arrangement requires provision of written verification to the Telephone Company that the customer is authorized to forward such calls. The written verification must be in the form of a letter of agency authorizing the customer to order the option on behalf of the international carrier. This option is only provided at Telephone Company end offices or access tandems equipped for International Direct Distance Dialing. It is available as a nonchargeable option with Feature Group D or CST BSA - Option 3.

(C)

(Q) Routing of IntraLATA Calls to the Telephone Company for Use with WATS Access Line Service

This option, which is available with either originating only WATS Access Line (WAL) Service not equipped with the End Office End User Line Service Screening optional feature or with two-way WAL Service, provides that intraLATA calls originating from such services by the end user's dialing valid NXX codes in the LATA, time or weather announcement services of the Telephone Company, community information services of an information service provider, operator assistance (0- and 0+), service codes (211, 611 and 911), directory assistance (411, 555-1212, and NPA+555-1212) will be routed to the facilities of the Telephone Company for completion. Calls placed by the end user's dialing a Feature Group A or CSL BSA seven digit telephone number, or 950-XXXX will be directed to the respective Feature Group A, CSL BSA, Feature Group B or CST BSA - Option 1 Switched Access Service customer. Additionally, this option provides that interLATA calls originating from such services by the end user's dialing 0- will be directed to the Feature Group D or CST BSA - Option 3 Switched Access Service of an operator services provider. It is available as a nonchargeable option with Feature Group D or CST BSA - Option 3.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features and Basic Service Elements (BSEs) (Cont'd) (C)6.3.1 Common Switching (Cont'd)(R) Band Advance Arrangement for Use with WATS Access Line Service

This option, which is provided in association with two or more terminating only WATS Access Line Service groups, provides for the automatic overflow of terminating calls to a WATS Access Line Service group, when that group has exceeded its call capacity, to another WATS Access Line Service group with a band designation equal to or greater than that of the overflowing WATS Access Line Service group. This arrangement does not provide for call overflow from a group with a higher band designation to one with a lower one. It is available as a nonchargeable option with Feature Groups C, D, and CST BSA - Option 2 and 3. (C)
(C)
(C)

(S) End Office End User Line Service Screening for Use with WATS Access Line Service

This option provides the ability to verify that an end user has, over an originating only WATS Access Line Service, dialed a called party address (by screening the called NPA and/or NXX on the basis of geographical bands selected by the Telephone Company) which is in accordance with that end user's service agreement with the customer, e.g., WATS. This option is provided in all Telephone Company electronic end offices and, where available, in electromechanical end offices in which WATS Access Line Service is provided. It is available as a nonchargeable option with Feature Groups C or D and CST BSA - Option 2 or 3. (C)
(C)

(T) Hunt Group Arrangement for Use with WATS Access Line Service

This option, which is also offered as a BSE with CSL BSA, provides the ability to sequentially access one of two or more WATS Access Line Services (e.g., 800 Service access lines) in the terminating direction, when the hunting number of the WATS Access Line Service group is forwarded from the customer to the Telephone Company. This feature is provided in all Telephone Company end offices in which WATS Access Line Service is provided. It is available as a nonchargeable option with Feature Groups A, B, C, D, and CST BSA - Option 1, 2 and 3 and as a chargeable BSE with CSL BSA. (C)
(C)
(C)

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February 2, 1992

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features and Basic Service Elements (BSEs) (Cont'd)6.3.1 Common Switching (Cont'd)(U) Uniform Call Distribution Arrangement for Use with WATS Access Line Service

This option, which is also offered as a BSE with CSL BSA, provides a type of multiline hunting arrangement which provides for an even distribution of terminating calls among the available WATS Access Line Services in the hunt group. Where available, this feature is only provided in Telephone Company electronic end offices in which WATS Access Line Service is provided. It is available as a nonchargeable option with Feature Groups A, B, C, D and CST BSA - Option 1, 2 and 3 and as a chargeable BSE with CSL BSA.

(V) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Access Line Service

This option provides an arrangement for an individual WATS Access Line Service within a multiline hunt or uniform call distribution group that provides access to that WATS Access Line Service within the hunt or uniform call distribution group when it is idle or provides busy tone when it is busy, when the nonhunting number is dialed. Where available, this feature is only provided in Telephone Company electronic end offices in which WATS Access Line Service is provided. It is available as a nonchargeable option with all Switched Access Service Arrangements.

(W) SWITCHWAY Service Access Capability

This option provides for an end office capability which allows a connection between the customer's premises and a suitably equipped end user premises utilizing end office switching capable of transmitting 56 kbps digital data. SWITCHWAY Service Access Capability is a chargeable option available only with Feature Group D or CST BSA - Option 3 provided to suitably equipped electronic end offices and requires the use of Interface Group 6 or 9. This option used in conjunction with the 64 kbps Clear Channel Capability optional feature allows for origination or termination of 64 kbps digital data calls to an Integrated Services Digital Network (ISDN). This option is not available with services provided under an Expanded Interconnection arrangement.

(C) (x)

(x) Issued under authority of Special Permission No. 98-46 of the Federal Communications Commission to withdraw material prior to becoming effective.

(y) Material scheduled to become effective March 13, 1998 under Transmittal No. 485.

(This page filed under Transmittal No. 489)

Issued: March 4, 1998

Effective: March 5, 1998

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features and Basic Service Elements (BSEs) (Cont'd) (S) (y)6.3.1 Common Switching (Cont'd)(X) Night Transfer (S) (y)

This option, which is offered as a BSE with CSL BSA, provides the customer the ability to place its lines in an "all members busy" condition by the activation of a key located at their premises through the use of a Dedicated Link. The Dedicated Link will provide for one-way transmission from the Telephone Company end office to the serving wire center of the customer premises, and is provided with transmission capability in the nominal frequency range of 300 to 3000 Hz. When the night transfer key is activated, all incoming calls will be forwarded to a previously designated telephone number. This BSE is provided in appropriately equipped end offices for transfer of calls Intra-office and is available with CSL BSA on an Individual Case Basis.

(Y) Simplified Message Desk Interface (SMDI) (S) (y)

This option, which is offered as a BSE with CSL BSA, provides for the call status information of a call terminating on a CSL BSA multiline hunt group arrangement. Calling number (Intra-office), originally called number, multiline hunt group and terminal identification of the customer's service that handles the call, and the call reason is provided. A Multiple Users option is also provided. This option provides the calling number, called number, the identification of the called multiline hunt group assigned to the customer's end user, and the call reason. In addition, the option provides the ability to activate or deactivate a message waiting indicator. The stutter tone or a signal light indicator may be activated as long as the service where the message waiting indicator is to be activated is equipped with the stutter tone or signal light message waiting feature. The call status information is transmitted to the customer's premises and the signal to activate or deactivate the message waiting indicator is transmitted from the customer's premises to the Telephone Company end office with the use of a Dedicated Link to the customer's message desk terminal

(x) Issued on not less than 5 days' notice under authority of Special Permission No. 92-77 of the Federal Communications Commission.

(y) Material scheduled to become effective February 1, 1992 under Transmittal No. 57.

Issued: January 27, 1992

Effective: ~~February 1, 1992~~
February 2, 1992

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features and Basic Service Elements (BSEs) (Cont'd) (S) (y)6.3.1 Common Switching (Cont'd)(Y) Simplified Message Desk Interface (SMDI) (Cont'd) (S) (y)

equipment. The Dedicated Link will provide for two-way transmission (C) (x)
between the Telephone Company end office and the serving wire center of (C) (x)
the customer premises, and is provided with transmission capability in (C) (x)
the nominal frequency range of 300 to 3000 Hz. The customer shall (C) (x)
provide the appropriate customer premises equipment to store, display or (S) (y)
print out the transmitted call status information and the equipment to
initiate the signal to activate or deactivate the message waiting
indicator. This option is only available from appropriately equipped (S) (y)
Telephone Company electronic end offices. The customer shall obtain a (C) (x)
Dedicated Link, to each and every Telephone Company end office where (C) (x)
SMDI is desired. This BSE is available with CSL BSA with multiline hunt (S) (y)
group arrangement on an Individual Case Basis. (S) (y)

(Z) Hot Line (S) (y)

This option, which is offered as a BSE with CSL BSA, allows for an end (S) (y)
user's local service to establish a switched connection to the (S) (y)
customer's CSL BSA when the end user's telephone goes off-hook. No (S) (y)
dialing is required and the call is processed automatically to a CSL (S) (y)
BSA. (S) (y)

Hot Line is presubscribed at the time service is ordered. The (S) (y)
connection to the customer cannot be changed except through the issuance (S) (y)
of a service order. An end user's service equipped with this feature (S) (y)
can be used for incoming calls, but cannot initiate outgoing calls (S) (y)
except to the customer's CSL BSA. It is available as a BSE with CSL BSA (S) (y)
on an Individual Case Basis. (S) (y)

(x) Issued on not less than 5 days' notice under authority of Special Permission
No. 92-77 of the Federal Communications Commission.

(y) Material scheduled to become effective February 1, 1992 under Transmittal No.
57.

Certain regulations previously found on this page can now be found on 1st Revised
Page 6-62.3.

Issued: January 27, 1992

Effective: ~~February 1, 1992~~
February 2, 1992

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features and Basic Service Elements (BSEs) (Cont'd) (S) (y)6.3.1 Common Switching (Cont'd)(AA) Warm Line

This option, which is offered as a BSE with CSL BSA, provides for an (M) (x) (S) (y)
user's local service to establish a switched connection after a (M) (x) (S) (y)
specified time delay to the customer's CSL BSA. This option provides (M) (x) (S) (y)
the customer with a seven digit telephone number associated with a CS (M) (x) (S) (y)
BSA that a Telephone Company's switching system could dial if the end (M) (x) (S) (y)
user does not dial a number in a specified length of time. When the (M) (x) (S) (y)
user's local service goes off-hook and dialing begins within the (M) (x) (S) (y)
specified time delay period, the call will proceed as dialed. If the (M) (x) (S) (y)
end user's dialing has not started before the end of the specified ti (M) (x) (S) (y)
delay period, the customer's CSL BSA accesscode is automatically dia (M) (x) (S) (y)
by the Telephone Company's switching system. (M) (x) (S) (y)

Warm Line is presubscribed at the time service is ordered. The (S) (y)
connection to the customer cannot be changed except through the issuance (S) (y)
of a service order. The timing delay period is specified at the time (S) (y)
service is ordered. (S) (y)

This BSE is available with CSL BSA on an Individual Case Basis. (S) (y)

(AB) Three Way Calling

This option, which is offered as a BSE with CSL BSA, provides for a (S) (y)
customer to add a third party to an existing call without operator (S) (y)
assistance. It is provided in all electronic end offices and is a (S) (y)
chargeable BSE available with CSL BSA. (S) (y)

(AC) Queuing with Uniform Call Distribution

This option, which is offered as a BSE with CSL BSA, provides a queuing (S) (y)
feature for a Uniform Call Distribution (UCD) Arrangement. This feature (S) (y)
permits calls to the UCD arrangement to be completed immediately if the (S) (y)
UCD arrangement has an idle terminal and when all terminals in the UCD (S) (y)
arrangement are busy, to place the call in a queue to wait its turn to (S) (y)
be served. The maximum number of queue (S) (y)

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(y) Material scheduled to become effective February 1, 1992 under Transmittal No.
57.

Certain regulations on this page formerly appeared on Original Page 6-62.2.

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Page 6-62.4

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Effective: February 1, 1992
February 2, 1992

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features and Basic Service Elements (BSEs) (Cont'd)6.3.1 Common Switching (Cont'd)(AC) Queuing with Uniform Call Distribution (Cont'd)

slots is one for every two lines in the UCD arrangement. This option is available from appropriately equipped Telephone Company electronic end offices. It is available as a chargeable BSE with CSL BSA only.

(AD) Announcements with Uniform Call Distribution

This option, which is offered as a BSE with CSL BSA when ordered in conjunction with the queuing feature, provides for a message or tone to be announced to the caller who is in queue. These messages or tones are repeated at customer specified intervals until the call is forwarded for completion. This option is available from appropriately equipped Telephone Company electronic end offices. It is available as a chargeable BSE with CSL BSA only.

(AE) Alternate Routing - Multiple Customer Premises Routing

This option, which is offered as a BSE with CST BSA - Option 1, 2 or 3, provides the capability of directing originating traffic from an end office (or appropriately equipped access tandem) to a trunk group (the "high usage" group) to a customer designated premises, multiplexing node or virtual collocation arrangement until that group is fully loaded, and then delivering additional originating traffic (the "overflowing" traffic) from the same end office or access tandem to a different trunk group (the "final" group) to a second customer designated premises or multiplexing node. The customer shall specify the last trunk CCS desired for the high usage group. This chargeable BSE is provided in suitably equipped end office or access tandem switches and is available with CST BSA - Option 1, 2 or 3. It is not available in end offices where Minimum Divergence Access Service is provided, or in designated electromechanical end offices or when the Tandem Signaling Option is provided. (C) (C)

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April 18, 1998

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features and Basic Service Elements (BSEs) (Cont'd)6.3.1 Common Switching (Cont'd)(AF) Flexible Automatic Number Identification (Flexible ANI)

This option when ordered in conjunction with the ANI optional feature or the ANI BSE provides additional values for the ANI Information Indicator (II) digits associated with various classes of service not available with the standard ANI optional feature or BSE. The Flexible ANI option is provided per end office on a Carrier Identification Code (CIC) basis and is available with Feature Group D service or CST BSA - Option 3 service at suitably equipped end offices as listed in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4. Technical specifications for Flexible ANI are contained in Technical Reference TR-TSY-000685.

The incremental cost to implement Flexible ANI payphone coding digits will be charged to all Payphone Service Providers on a monthly basis, per line, as set forth in 31.6.2(D) following, to be recovered over 24 months commencing November 1, 1998 and ending October 31, 2000. (N)

A nonrecurring charge will apply as set forth in 31.6.2(D) following except when this option is used to identify calls originating from public telephone access service lines for per call compensation. (N)

In addition, Originating Line Screening (OLS) Confirmation Service is a service that is available to end users or aggregators subscribing to Flexible ANI, where Flexible ANI is offered, for the verification of information indicator digits available with Flexible ANI on originating calls; this service is available at no charge from any Telephone Company Service Center either in a verbal or written format. (N)

(AG) Dialed Number Identification Service (DNIS) on 800

This option provides for the outputting of up to seven digits of the translated 800 number to be delivered to the customer premises, multiplexing node or virtual collocation arrangement equipment. DNIS on 800 is provided from suitably equipped end offices with reverse battery type supervisory signaling. It is available as a chargeable BSE with terminating CST BSA - Option 4.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features and Basic Service Elements (BSEs) (Cont'd)6.3.1 Common Switching (Cont'd)(AH) Trunk Group Make Busy (TGMB)

This option, which is offered as a BSE with CST BSA - Option 1 or 3 when ordered in conjunction with Alternate Routing - Multiple Customer Premises Routing, provides the customer with the ability to place a "high usage" trunk group into an "all trunks busy" condition through the use of a Dedicated Link activated by a CPE key located at the customer's premises. When the make busy key is activated, all calls terminating on the "high usage" trunk group will be redirected to a previously designated alternate "final" trunk group. As required by network considerations, the alternate trunk group must be directly routed to an end office. If the alternate trunk group becomes fully loaded, a network announcement will be provided. This option is only available on a per trunk group basis. A minimum of two trunk groups is required. If only one trunk is to be busied out, it must be in a trunk group separate from trunks which are not to be busied out. The trunk group will remain in the busy condition until released by the customer.

A Dedicated Link is required for each CST BSA trunk group equipped with the Trunk Group Make Busy BSE. The Dedicated Link will provide for two-way transmission between the customer premises and the Telephone Company end office or access tandem and is provided with transmission capability in the nominal frequency range of 300 to 3000 Hz. Following are the compatible network channel interface (NCI) and network channel (NC) codes for the Dedicated Link:

<u>NC</u>	<u>NCI</u>
LB--	02CC2

This option is provided in suitably equipped end offices or access tandems. It is not available in end offices where Minimum Divergence Access Service is provided or in designated electromechanical end offices. In addition, this option is not available with services provided under an Expanded Interconnection arrangement. It is available as a chargeable BSE with CST BSA - Option 1 or 3.

(C) (x)

- (x) Issued under authority of Special Permission No. 98-46 of the Federal Communications Commission to withdraw material prior to becoming effective.
- (y) Material scheduled to become effective March 13, 1998 under Transmittal No. 485.

(This page filed under Transmittal No. 489)

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Effective: March 5, 1998

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features and Basic Service Elements (BSEs) (Cont'd)6.3.2 Transport Termination(A) Rotary Dial Station Signaling

This option provides for the transmission of called party address signaling from rotary dial stations to the customer's premises, multiplexing node or virtual collocation arrangement for originating calls. This option is provided in the form of a specific type of Transport Termination. It is available with Feature Group B or CST BSA - Option 1, only on a directly trunked basis. (C)

(B) Operator Trunk - Coin, Non-Coin, or Combined Coin and Non-Coin

This option may be ordered to provide coin, non-coin, or combined coin and non-coin operation. It is available only with Feature Group C, Feature Group D, CST BSA - Option 2 and 3 and is provided in electronic end offices and other Telephone Company end offices where equipment is available. It is provided as a trunk type of Transport Termination.

This option is not available with services provided under an Expanded Interconnection arrangement.

(1) Coin

This arrangement provides for initial coin return control and routing of 0+, 0-, 1+, 01+ or 011+ prefixed originating coin calls requiring operator assistance to the customer's premises. Because operator assisted coin calling traffic is routed over a trunk group dedicated to operator assisted calls, this arrangement is only provided in association with the Service Class Routing option.

The operator assistance coin calling arrangement is also normally ordered by the customer in conjunction with the ANI optional feature, since the preponderance of trunk groups equipped with this arrangement will be terminated in the customer's Operator Services Systems, rather than in the customer's manual cord boards.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features and Basic Service Elements (BSEs) (Cont'd)6.3.2 Transport Termination (Cont'd)(B) Operator Trunk - Coin, Non-Coin, or Combined Coin and Non-Coin (Cont'd)(2) Non-Coin

This arrangement provides for the routing of 0+, 0-, 1+, 01+ or 011+ prefixed originating non-coin calls requiring operator assistance to the customer's premises. Because operator assisted non-coin calling traffic is routed over a trunk group dedicated to operator assisted calls, this arrangement is only provided in association with the Service Class Routing option.

The operator assistance non-coin calling arrangement is also normally ordered by the customer in conjunction with the ANI optional feature, since the preponderance of trunk groups equipped with this arrangement will be terminated in the customer's Operator Services Systems, rather than in the customer's manual cord boards. When so equipped, the ANI feature provides for the forwarding of information digits which identify that the call has originated from a hotel or motel, and whether room number identification is required, or that special screening is required, e.g., for payphone, dormitory or inmate stations or other screening arrangements agreed to between the customer and the Telephone Company.

(C)

(3) Combined Coin and Non-Coin

This arrangement provides for initial coin return control and routing of 0+, 0-, 1+, 01+ or 011+ prefixed originating operator assisted coin and non-coin calls requiring operator assistance to the customer's premises. Because operator assisted coin and non-coin calling traffic is routed over a trunk group dedicated to operator assisted calls, this arrangement is only provided in association with the Service Class Routing option.

(This page filed under Transmittal No. 443)

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Effective: April 15, 1997

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features and Basic Service Elements (BSEs) (Cont'd)6.3.2 Transport Termination (Cont'd)(B) Operator Trunk - Coin, Non-Coin, or Combined Coin and Non-Coin (Cont'd)(3) Combined Coin and Non-Coin (Cont'd)

This arrangement is normally ordered by the customer in conjunction with the ANI optional feature, since the preponderance of trunk groups equipped with this arrangement will be terminated in the customer's operator services systems, rather than in the customer's manual cord boards. When so equipped, the ANI optional feature provides for the forwarding of information digits which identify that the call has originated from a hotel or motel, and whether room number identification is required, or that special screening is required, e.g., for payphone, dormitory or inmate stations, or other screening arrangements agreed to between the customer and the Telephone Company. (C)

(C) Operator Trunk - Full Feature

This option provides the operator functions available in the end office to the customer's operator. These functions are (1) Operator Released, (2) Operator Attached, (3) Coin Collect, (4) Coin Return, and (5) Ringback. It is available with Feature Groups C, D, or CST BSA - Option 2 and 3. It is provided as a trunk type of Transport Termination. This option is not available in combination with the SS7 signaling option.

(D) Operator Trunk - Assist Feature

This option provides the operator functions available in the end office to the customer's operator. These functions are (1) Operator Released and (2) Operator Attached. It is available with Feature Group D or CST BSA - Option 3, and is provided as a trunk type of Transport Termination. This option is not available with the SS7 signaling option.

(This page filed under Transmittal No. 443)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features and Basic Service Elements (BSEs) (Cont'd) (C)6.3.3 WATS Access Line Service Termination(A) E&M Supervisory Signaling

The E&M Supervisory Signaling optional feature, which is available with four-wire originating only, terminating only and two way WATS Access Lines for use with Feature Groups B, C, D and CST BSA - Option 1, 2 and 3 Switched Access Service, provides for E&M Type 1 or Type 2 Supervisory Signaling in lieu of loop start Supervisory Signaling. When E&M Supervisory Signaling is provided, the need for signaling conversion requires that Telephone Company equipment be placed at the end user's premises. When E&M Supervisory Signaling is provided, Answer Supervision is also provided for originating traffic. (C)

(B) Answer Supervision

The Answer Supervision optional feature, which is available with originating only two-wire WATS Access Lines for use with Feature Groups B, C, D and CST BSA - Option 1, 2 and 3 Switched Access Service served by suitably equipped WATS Serving Offices, provides a signal to customer premises equipment at the end user premises that indicates that the called end user has answered, when such indication is provided by the interexchange carrier. When Answer Supervision is provided with a two-wire WATS Access Line, reverse battery type supervisory signaling is also provided. (C)

Issued: November 1, 1991Effective: February 1, 1992
February 2, 1992

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features and Basic Service Elements (BSEs) (Cont'd)6.3.4 SS7 Signaling Option(A) Calling Party Number (CPN)

This feature provides for the automatic transmission of the calling party's ten digit telephone number to the customer's premises for calls originating in the LATA or from the customer's premises for calls terminating in the LATA. The ten digit telephone number consists of the NPA plus the seven digit telephone number, which may or may not be the same number as the calling station's charge number. This feature is provided with the SS7 Signaling Option which is a nonchargeable option of Feature Group D or CST BSA - Option 3.

(B) Charge Number (CN)

This feature provides for the automatic transmission of the ten digit billing number of the calling station number and originating line information. This feature is provided with the SS7 Signaling Option which is a nonchargeable option of Feature Group D or CST BSA - Option 3

The information digits shall only be used for billing and collection, routing, screening, and completion of the originating subscriber's call or transaction or for services directly related to the originating subscriber's call or transaction. (N) (x)

The information provided shall not be reused or resold without first notifying the originating telephone subscriber and obtaining affirmative consent of the subscriber for reuse or resale. (N) (x)

Unless the originating subscriber has given consent for the reuse or resale, any information provided shall not be used for any purpose other than: (N) (x)

- performing the services or transactions that are the subject of the originating subscriber's call; (N) (x)
- ensuring network performance security, and the effectiveness of call delivery; (N) (x)
- compiling, using and disclosing aggregate information; and, (N) (x)

Certain regulations previously found on this page can now be found on 1st Revised Page 6-66.2.

- (x) Issued on not less than 2 days' notice under authority of Special Permission No. 95-416 of the Federal Communications Commission.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features and Basic Service Elements (BSEs) (Cont'd)6.3.4 SS7 Signaling Option (Cont'd)(B) Charge Number (CN) (Cont'd)

- complying with applicable laws.

The above restrictions shall not prevent the subscriber to the CN feature from using information acquired from a CN feature, such as the telephone number and billing information or information derived from analysis of the characteristics of calls received through the CN feature, to offer a product or service that is directly related to the products or services previously purchased by a customer of the CN feature subscriber.

(C) Carrier Selection Parameter (CSP)

This feature provides for the automatic transmission of a signaling indicator which signifies to the customer whether the call being processed originated from a presubscribed end user of that customer. This feature is provided with the SS7 Signaling Option which is a nonchargeable option of Feature Group D or CST BSA - Option 3.

(D) Access Transport Parameter (ATP)

This feature provides for the automatic transmission of Called Party Subaddress, Calling Party Subaddress, High Layer Compatibility and Low Layer Compatibility, as described in Technical Publication TR-TSV-000962, with calls originating or terminating to an Integrated Services Digital Network (ISDN). ATP is available with Feature Group D and CST BSA - Option 3 only when ordered with the 64 kbps Clear Channel Capability optional feature. This feature is provided with the SS7 Signaling Option which is a nonchargeable option.

The specific protocols for Calling Party Number, Charge Number, Carrier Selection Parameter and Access Transport Parameter Features are contained in the Technical Publications TR-TSV-000905 and TR-TSV-000962. (T)

(This page filed under Transmittal No. 410)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features and Basic Service Elements (BSEs) (Cont'd)

6.3.4 SS7 Signaling Option (Cont'd)

(E) Carrier Identification Parameter (CIP)

This feature provides for the transmission of Carrier Identification Code (CIC) information to customers on originating Feature Group D or CST BSA - Option 3 Switched Access Service. CIP is available from suitably equipped end offices and access tandems, when the SS7 Signaling Option is specified. When CIP is provided, the switch will transmit, to the customer premises, the 4 digit CIC of the presubscribed line, or the CIC selected when the end user places a call using 101XXXX dialing. CIP is available on an originating basis as a chargeable optional feature with originating or two-way FGD or CST BSA - Option 3 trunk groups.

(C)
(C)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Transmission Specifications

Each Switched Access Service transmission path is provided with standard transmission specifications. There are three different standard specifications (Types A, B and C). The standard for a particular transmission path is dependent on the Switched Access Service Arrangement, the Entrance Facility, the Interface Group and whether the service is direct end office routed or routed via an access tandem. The available transmission specifications are set forth in 6.4.1 following. Data Transmission Parameters are also provided with each Switched Access Service transmission path. The Telephone Company will, upon notification by the customer that the data parameters set forth in 6.4.2(A) or 6.4.2(B) are not being met, conduct tests independently or in cooperation with the customer, and take any necessary action to insure that the Telephone Company's segment of the transmission path meets the required data parameters. (C)
(C)
(C)

The Telephone Company will maintain existing transmission specifications on functioning service configurations installed prior to the effective date of this tariff except that service configurations having performance specifications exceeding the standards listed in this provision will be maintained at performance levels specified in this tariff.

The transmission specifications contained in this Section are immediate action limits. Acceptance limits are set forth in Technical Reference TR-NWT-000334. This Technical Reference also provides the basis for determining Switched Access Service maintenance limits. Transmission specifications for CCSA signaling connections are set forth in the Technical Publication TR-TSV-000905.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Transmission Specifications (Cont'd)6.4.1 Standard Transmission Specifications

Following are descriptions of the three Standard Transmission Specifications available with Switched Access Service Arrangements. The specific applications in terms of the Switched Access Service Arrangements, Entrance Facilities and Interface Groups with which the Switched Access Service Arrangements Standard Transmission Specifications are provided are set forth in 6.2.1(C), 6.2.2(C), 6.2.3(C), 6.2.4(C), 6.2.5(C), 6.2.7(C), 6.2.8(C) and 6.2.9(C) preceding. (C)

(A) Type A Transmission Specifications

Type A Transmission Specifications are provided with the following parameters:

(1) Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is ± 2.0 dB.

(2) Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to the loss at 1004 Hz is -1.0 dB to +3.0 dB.

(3) C-Message Noise

The maximum C-Message Noise for the transmission path at the route miles listed is less than or equal to:

<u>Route Miles</u>	<u>C-Message Noise</u>
less than 50	32 dBrnC0
51 to 100	34 dBrnC0
101 to 200	37 dBrnC0
201 to 400	40 dBrnC0
401 to 1000	42 dBrnC0

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(T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Transmission Specifications (Cont'd)6.4.1 Standard Transmission Specifications (Cont'd)(A) Type A Transmission Specifications (Cont'd)(4) C-Notch Noise

The maximum C-Notch Noise, utilizing a -16 dBm0 holding tone, is less than or equal to 45 dBrnC0.

(5) Echo Control

Echo Control, identified as Equal Level Echo Path Loss, and expressed as Echo Return Loss and Singing Return Loss, is dependent on the routing, i.e., whether the service is routed directly from the customer's point of termination (POT) to the end office or via an access tandem. It is equal to or greater than the following:

	<u>Echo Return Loss</u>	<u>Singing Return Loss</u>
POT to Access Tandem	21 dB	14 dB
POT to End Office		
- Direct	N/A	N/A
- Via Access Tandem	16 dB	11 dB

(B) Type B Transmission Specifications

Type B Transmission Specifications are provided with the following parameters:

(3) Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is +2.5 dB.

(4) Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to loss at 1004 Hz is -2.0 dB to +4.0 dB.

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Transmission Specifications (Cont'd)6.4.1 Standard Transmission Specifications (Cont'd)(B) Type B Transmission Specifications (Cont'd)(3) C-Message Noise

The maximum C-Message Noise for the transmission path at the route miles listed is less than or equal to:

<u>Route Miles</u>	<u>C-Message Noise*</u>	
	<u>Type B1</u>	<u>Type B2</u>
less than 50	32 dBrnC0	35 dBrnC0
51 to 100	33 dBrnC0	37 dBrnC0
101 to 200	35 dBrnC0	40 dBrnC0
201 to 400	37 dBrnC0	43 dBrnC0
401 to 1000	39 dBrnC0	45 dBrnC0

(4) C-Notch Noise

The maximum C-Notch Noise, utilizing a -16 dBm0 holding tone is less than or equal to 47 dBrnC0.

* For Feature Groups C and D or CST BSA - Option 2 and 3, only Type B2 will be provided. For Feature Groups A and B, CSL BSA, and CST BSA - Option 1, Type B1 or B2 will be provided as set forth in Technical Reference TR-NWT-000334. (C) (C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Transmission Specifications (Cont'd)6.4.1 Standard Transmission Specifications (Cont'd)(B) Type B Transmission Specifications (Cont'd)(5) Echo Control

Echo Control, identified as Impedance Balance for FGA, FGB, CSL BSA and CST BSA - Option 1 and Equal Level Echo Path Loss for FGC, FGD, CST BSA - Option 2 and 3 and expressed as Echo Return Loss (ERL) and Singing Return Loss (SRL), is dependent on the routing, i.e., whether the service is routed directly from the customer's point of termination (POT) to the end office or via an access tandem. The ERL and SRL also differ by Switched Access Service Arrangement, type of termination, and type of transmission path. They are greater than or equal to the following:

	<u>Echo Return Loss</u>	<u>Singing Return Loss</u>	
POT to Access Tandem			
- Terminated in			
4-Wire trunk	21 dB	14 dB	(C)
- Terminated in			
2-Wire trunk	16 dB	11 dB	(C)
POT to End Office			
- Direct	16 dB	11 dB	
- Via Access Tandem			
For FGB or CST BSA -			(C)
Option 1 access	8 dB	4 dB	(C)
For FGC or CST BSA -			(C)
Option 2 access			(C)
(Effective			
4-Wire trans-			
mission path			
at end office)	16 dB	11 dB	
For FGC or CST BSA -			(C)
Option 2 access			(C)
(Effective			
2-Wire trans-			
mission path			
at end office)	13 dB	6 dB	

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Transmission Specifications (Cont'd)6.4.1 Standard Transmission Specifications (Cont'd)(C) Type C Transmission Specifications

Type C Transmission Specifications are provided with the following parameters:

(1) Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is ± 3.0 dB.

(2) Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to loss at 1004 Hz is -2.0 dB to +5.5 dB.

(3) C-Message Noise

The maximum C-Message Noise for the transmission path at the route miles listed is less than or equal to:

<u>Route Miles</u>	<u>C-Message Noise*</u>	
	<u>Type C1</u>	<u>Type C2</u>
less than 50	32 dBrnC0	38 dBrnC0
51 to 100	33 dBrnC0	39 dBrnC0
101 to 200	35 dBrnC0	41 dBrnC0
201 to 400	37 dBrnC0	43 dBrnC0
401 to 1000	39 dBrnC0	45 dBrnC0

(4) C-Notch Noise

The maximum C-Notch Noise, utilizing a -16 dBm0 holding tone is less than or equal to 47 dBrnC0.

* For Feature Groups C and D or CST BSA - Option 2 and 3, only Type C2 will be provided. For Feature Groups A and B, CSL BSA, and CST BSA - Option 1, Type C1 or C2 will be provided as set forth in Technical Reference TR-NWT-000334. (C) (C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Transmission Specifications (Cont'd)6.4.1 Standard Transmission Specifications (Cont'd)(C) Type C Transmission Specifications (Cont'd)(5) Echo Control

Echo Control, identified as Return Loss and expressed as Echo Return Loss and Singing Return Loss, is equal to or greater than the following:

	<u>Echo Return Loss</u>	<u>Singing Return Loss</u>
POT to End Office - Direct	13 dB	6 dB

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Transmission Specifications (Cont'd)6.4.2 Data Transmission Parameters

Two types of Data Transmission Parameters, i.e., Type DA and Type DB, are provided for the Switched Access Service Arrangements. The specific applications in terms of the Switched Access Service Arrangements with which they are provided are set forth in 6.2.1(C), 6.2.2(C), 6.2.3(C), 6.2.4(C), 6.2.5(C), 6.2.7(C), 6.2.8(C) and 6.2.9(C) preceding. Following are descriptions of each. (C)

(A) Data Transmission Parameters Type DA(1) Signal to C-Notched Noise Ratio

The Signal to C-Notched Noise Ratio is equal to or greater than 33 dB.

(2) Envelope Delay Distortion

The maximum Envelope Delay Distortion for the frequency bands and route miles specified is:.

604 to 2804 Hz

less than 50 route miles	500 microseconds
equal to or greater than 50 route miles	900 microseconds

1004 to 2404 Hz

less than 50 route miles	200 microseconds
equal to or greater than 50 route miles	400 microseconds

(3) Impulse Noise Counts

The Impulse Noise Counts exceeding a 65 dBrnC0 threshold in 15 minutes is no more than 15 counts.

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December 30, 1993

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Transmission Specifications (Cont'd)6.4.2 Data Transmission Parameters (Cont'd)(A) Data Transmission Parameters Type DA (Cont'd)(4) Intermodulation Distortion

The Second Order (R2) and Third Order (R3) Intermodulation Distortion products are equal to or greater than:

Second Order (R2)	33 dB
Third Order (R3)	37 dB

(5) Phase Jitter

The Phase Jitter over the 4-300 Hz frequency band is less than or equal to 5° peak-to-peak.

(6) Frequency Shift

The maximum Frequency Shift does not exceed -2 to +2 Hz.

(B) Data Transmission Parameters Type DB(5) Signal to C-Notched Noise Ratio

The signal to C-Notched Noise Ratio is equal to or greater than 30 dB.

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Transmission Specifications (Cont'd)6.4.2 Data Transmission Parameters (Cont'd)(B) Data Transmission Parameters Type DB (Cont'd)(2) Envelope Delay Distortion

The maximum Envelope Delay Distortion for the frequency bands and route miles specified is:

604 to 2804 Hz

less than 50 route miles 800 microseconds

equal to or greater than
50 route miles 1000 microseconds

1004 to 2404 Hz

less than 50 route miles 320 microseconds

equal to or greater than
50 route miles 500 microseconds

(3) Impulse Noise Counts

The Impulse Noise Counts exceeding a 67 dBrnC0 threshold in 15 minutes is no more than 15 counts.

(4) Intermodulation Distortion

The Second Order (R2) and Third Order (R3) Intermodulation Distortion products are equal to or greater than:

Second Order (R2) 31 dB

Third Order (R3) 34 dB

(5) Phase Jitter

The Phase Jitter over the 4-300 Hz frequency band is less than or equal to 7° peak-to-peak.

(6) Frequency Shift

The maximum Frequency Shift does not exceed -2 to +2 Hz.

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.5 Obligations of the Telephone Company

In addition to the obligations of the Telephone Company set forth in 2. preceding, the Telephone Company has certain other obligations pertaining only to the provision of Switched Access Service. These obligations are as follows:

6.5.1 Network Management

The Telephone Company will administer its network to insure the provision of acceptable service levels to all telecommunications users of the Telephone Company's network services. Generally, service levels are considered acceptable only when both end users and customers are able to establish connections with little or no delay encountered within the Telephone Company network. The Telephone Company maintains the right to apply protective controls, i.e., those actions, such as call gapping, which selectively cancel the completion of traffic, over any traffic carried over its network, including that associated with a customer's Switched Access Service. Generally, such protective measures would only be taken as a result of occurrences such as failure or overload of Telephone Company or customer facilities, natural disasters, mass calling or national security demands. In the event that the protective controls applied by the Telephone Company result in the complete loss of service by the customer, the customer will be granted a Credit Allowance for Service Interruption as set forth in 2.4.4(B)(3) preceding.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.5 Obligations of the Telephone Company (Cont'd)6.5.2 Design and Traffic Routing of Tandem Switched Trunks

For Tandem Switched Access Service when ordered in busy hour minutes of capacity, the Telephone Company shall design and determine the selection of facilities from the access tandem to the subtending end offices. The Telephone Company shall also decide if capacity is to be provided by originating only, terminating only, or two-way trunk groups. Finally, the Telephone Company will decide whether trunk side access will be provided through the use of two-wire or four-wire trunk terminating equipment. Selection of facilities and equipment are based on standard engineering methods and available facilities and equipment. If the customer desires directionality different from that determined by the Telephone Company, the Telephone Company will work cooperatively with the customer in determining the directionality of the service. (C)

For Tandem Switched Trunks, the customer desired directionality and/or traffic routing of the Switched Access Service between the serving wire center of the customer's premises, multiplexing node or virtual collocation arrangement and the entry switch are specified on the customer's order for service. Additionally, for Feature Group B or CST BSA - Option 1 the customer may order the optional feature Customer Specification of Local Transport Termination. (C)

(This page filed under Transmittal No. 505)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.5 Obligations of the Telephone Company (Cont'd)6.5.3 Provision of Service Performance Data

Subject to availability, end-to-end service performance data available to the Telephone Company through its own service evaluation routines, may also be made available to the customer based on previously arranged intervals and format. These data provide information on overall end-to-end call completion and non-completion performance, e.g., customer equipment blockage, failure results and transmission performance. These data do not include service performance data which are provided under other tariff sections, e.g., testing service results. If data are to be provided in other than paper format, the charges for such provision of information will be determined on an individual case basis.

6.5.4 Trunk Group Measurement Reports

Subject to availability, the Telephone Company will make available trunk group data in the form of usage in CCS, peg count and overflow, to the customer based on previously agreed to intervals.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Obligations of the Telephone Company (Cont'd)

6.5.5 Determination of Number of End Office Transport Terminations
(End Office Trunk Ports)

(C)

For analog entry switches, a termination will be provided for each transmission path provided. For digital entry switches, an equivalent termination will be provided for each transmission path provided.

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~~December 31, 1997~~
January 1, 1998

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.5 Obligations of the Telephone Company (Cont'd)6.5.6 Design Blocking Probability

The Telephone Company will monitor the facilities used in the provision of Switched Access Service to meet the blocking probability criteria as set forth in (A) through (D) following.

- (A) For Feature Group A, Feature Group B, CSL BSA and CST BSA - Option 1 not used to provision 900 Access Service, and for CST BSA - Option 4 no design blocking criteria apply. For Feature Group B or CST BSA - Option 1 used to provision 900 Access Service, the design blocking objective will be no greater than one percent (.01)* between the point of termination at the customer's premises, multiplexing node or virtual collocation arrangement and the Telephone Company office at which the customer identification function is performed. (C)
(C)
- (B) For Feature Group C or CST BSA - Option 2, the design blocking objective will be no greater than one percent (.01)* between the point of termination at the customer's premises or multiplexing node and the first point of switching when traffic is directly routed without an alternate route. Standard traffic engineering methods will be used by the Telephone Company to determine the number of transmission paths required to achieve this level of blocking.
- (C) For Feature Group D or CST BSA - Option 3, the design blocking objective for the final group will be no greater than one percent (.01)* between the point of termination at the customer's premises, multiplexing node or virtual collocation arrangement and the end office switch, whether the traffic is directly routed without an alternate route or routed via an access tandem. Standard traffic engineering methods as set forth in Special Report SR-EOP-000191, Issue No. 1, Trunk Traffic Engineering Concepts and Applications, will be used by the Telephone Company to determine the number of transmission paths required to achieve this level of blocking. (C)
(C)

* In the event of 900 Access Service media stimulated calling, the design blocking objective of no greater than (.01) percent will not be guaranteed.

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April 18, 1998

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.5 Obligations of the Telephone Company (Cont'd)6.5.6 Design Blocking Probability (Cont'd)

- (D) The Telephone Company will perform routine measurement functions for the capacity ordered, whether ordered in lines, trunks or BHMCs, in accordance with Telephone Company design blocking criteria to assure that an adequate number of transmission paths are in service. The Telephone Company will recommend that additional capacity (i.e., busy hour minutes of capacity, lines or trunks) be ordered by the customer when additional paths are required to reduce the measured blocking level to the designed blocking level. For the Feature Group C, D or CST BSA - Option 2 or 3 capacity ordered, the design blocking objective is assumed to have been met if the routine measurements show that the measured blocking does not exceed the thresholds listed in the following tables.

- (1) For transmission paths carrying only first routed traffic directly between an end office and customer's premises or multiplexing node without an alternate route, and for paths carrying only overflow traffic, the measured blocking thresholds are as follows: (C)

Number of Transmission Paths Per Trunk Group	Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Measurements Per Trunk Group			
	15-20	11-14	7-10	3-6
	<u>Measurements</u>	<u>Measurements</u>	<u>Measurements</u>	<u>Measurements</u>
2	.070	.080	.090	.140
3	.050	.060	.070	.090
4	.050	.060	.070	.080
5-6	.040	.050	.060	.070
7 or more	.030	.035	.040	.060

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February 16, 1994

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.5 Obligations of the Telephone Company (Cont'd)6.5.6 Design Blocking Probability (Cont'd)

(D) (Cont'd)

- (2) For transmission paths carrying first routed traffic between an end office and customer's premises or multiplexing node via an access tandem, the measured blocking thresholds are as follows: (C)

Number of Transmission Paths Per Trunk Group	Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Measurements Per Trunk Group			
	15-20	11-14	7-10	3-6
	<u>Measurements</u>	<u>Measurements</u>	<u>Measurements</u>	<u>Measurements</u>
2	.045	.055	.060	.095
3	.035	.040	.045	.060
4	.035	.040	.045	.055
5-6	.025	.035	.040	.045
7 or more	.020	.025	.030	.040

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February 16, 1994

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.6 Obligations of the Customer

In addition to the obligations of the customer set forth in Section 2. preceding, the customer has certain specific obligations pertaining to the use of Switched Access Service. These obligations are as follows:

6.6.1 Facility Requirements

When ordering Switched Access Service, the customer must, at a minimum, specify the Local Transport Entrance Facility, either existing or new, to be used and whether Direct Trunked Transport or Tandem Switched Transport is to be furnished. When Direct Trunked Transport is to be furnished, the customer must also specify the Direct Trunked Transport to be used, either existing or new.

6.6.2 Determination of Number of Transmission Paths

For Feature Group A or CSL BSA and Feature Group B or CST BSA - Option 1 which are ordered on a per line or per trunk basis respectively, and Feature Group D, CST BSA - Option 3 or CST BSA Option 4 when ordered on a per trunk basis, the customer specifies the Entrance Facility, the Direct Trunked Transport, if applicable, and the number of transmission paths in the order for service. A transmission path is a communication path within the frequency bandwidth of approximately 300 to 3000 Hz or a derived communication path of a frequency bandwidth of approximately 300 Hz to 3000 Hz provided over a high frequency analog facility or a high speed digital facility between a customer's premises or multiplexing node and a Telephone Company location.

For CCSA signaling connections, the number of transmission paths must be ordered in multiples of 2 or 4. If the CCSA signaling connection is ordered to a customer's STP, a multiple of 4 transmission paths must be (T)
ordered. If the CCSA signaling connection is ordered to a customer's Signaling Point (SP), a multiple of 2 transmission paths must be ordered. (T)

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6. Switched Access Service (Cont'd)

6.6.3 Report Requirements

(A) Jurisdictional Reports

(B) Code Screening Reports

(C) Reserved for Future Use

(C)
(D)
(D)
(D)
(D)
(D)
(D)
(D)
(D)
(D)
(D)

(D)
(D)
(D)
(D)
(D)
(D)

Effective: July 1, 1998

6. Switched Access Service (Cont'd)

6.6 Obligations of the Customer (Cont'd)

6.6.3 Report Requirements (Cont'd)

(C) Reserved for Future Use (Cont'd)

(C)

(D)

(D)

(D)

(D)

(D)

(D)

(D)

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(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.6 Obligations of the Customer (Cont'd)6.6.3 Report Requirements (Cont'd)

(S) (x)

(D) 900 Access Service Report Requirements

(T) (y)

The Telephone Company will administer its network in such a manner that the impact of traffic surges due to peaked 900 Access Service traffic on other access service traffic is minimized. The Telephone Company may, at its option, implement network management controls (e.g., call gapping) to ensure acceptable service levels as defined in Section 6.5.1.

In order to ensure deployment of adequate protective controls, customers must provide notice of 900 media stimulated calling events to the Network Management Center in New England Telephone, or the Network Surveillance and Management Analysis Center in New York Telephone, at least two (2) business days prior to the event. The Telephone Company will work cooperatively with the customer to determine the appropriate level of such controls.

A customer's failure to notify the Telephone Company, as stated above, may result in a discontinuance of service as specified in Section 2.1.8 preceding.

6.6.4 Supervisory Signaling

(S) (x)

The customer's facilities shall provide the necessary on-hook, off-hook, answer and disconnect supervision.

6.6.5 Trunk Group Measurement Reports

(S) (x)

With the agreement of the customer, trunk group data in the form of usage in CCS, peg count and overflow for its end of all access trunk groups, where technologically feasible, will be made available to the Telephone Company. These data will be used to monitor trunk group utilization and service performance and will be based on previously arranged intervals and format.

6.6.6 Design of Switched Access Services

(S) (x)

When a customer orders Switched Access Service on a per line or per trunk basis, the customer shall take reasonable steps to assure that sufficient access services have been ordered to handle its traffic.

(x) Material scheduled to become effective December 30, 1993 under Transmittal No. 221.

(y) Issued on not less than 7 days' notice under authority of Special Permission No. 93-1211 of the Federal Communications Commission.

(This page filed under Transmittal No. 263)

Issued: December 23, 1993

Effective: December 30, 1993

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.6 Obligations of the Customer (Cont'd)6.6.7 Tandem Switching Providers

When the Tandem Signaling Option is ordered with the SS7 Signaling Option, the Tandem Switching Provider must set the T_{exm d} timer to a value no greater than 300 milliseconds.

When tandem routed service is provided by a Tandem Switching Provider, and the customer(s) of record for the terminating switched access usage charges is the Tandem Switching Provider, the terminating minutes of use provided through the Tandem Switching Provider location are the responsibility of the Tandem Switching Provider. At the Tandem Switching Provider's request, the Telephone Company will bill each of the Tandem Switching Provider's customers directly for their respective usage, if the Tandem Switching Provider agrees to furnish the Telephone Company, free of charge, the call detail information necessary to bill its customers. [The Tandem Switching Provider shall submit this information to the Telephone Company daily] via Network Data Mover (NDM) electronic transmission in industry standard EMI format as set forth in BR-190402-215 and BR-010200-010. If the Tandem Switching Provider fails to provide the call detail information or fails to provide the information in the required format within thirty (30) days from the call activity date, then the Tandem Switching Provider will be billed for that day's usage. Where the total usage measured by the Telephone Company differs from the total amount of usage provided by the Tandem Switching Provider's call detail information, the Telephone Company will work cooperatively with the Tandem Switching Provider to resolve the discrepancies. (T)

The Tandem Switching Provider must retain documentation in support of the billing information for a period of fifteen (15) months after submission of the billing data to the Telephone Company. The Telephone Company reserves the right to audit the billing information upon thirty (30) days' notice to the Tandem Switching Provider. In the event of a discrepancy, if final agreement cannot be reached, charges will be billed based on the results of the audit.

(This page filed under Transmittal No. 410)

Issued: March 20, 1996

Effective: May 4, 1996

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations

This section contains the specific regulations governing the rates and charges that apply for Switched Access Service.

6.7.1 Description and Application of Rates and Charges

There are three types of rates and charges that apply to Switched Access Service. These are monthly rates, usage rates and nonrecurring charges. Monthly rates and nonrecurring charges are applied as set forth in (A) and (C) following.

Usage rates applied on a per access minute basis are applied differently to the various rate elements as set forth in (D) following.

(A) Monthly Rates

Monthly rates are flat recurring rates that apply each month or fraction thereof that an Entrance Facility, a Direct Trunked Transport Switched Access Service, a Dedicated Tandem Trunk Port, Dedicated End Office Trunk Port, certain dedicated multiplexing functions, chargeable optional features or certain basic service elements are provided. For billing purposes, each month is considered to have 30 days. (C)

In the states where Expanded Interconnection has become operational, monthly rates for DS1 and DS3 Entrance Facility Standard Channel Terminations, DS1 and DS3 Direct Trunked Transport Switched Access Service and certain chargeable Optional Features or basic service elements are arranged in pricing zones. The pricing zone for each serving wire center in the states where Expanded Interconnection has become operational is specified in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4. (C)

When a customer's designated premises is served by a serving wire center located in a state other than the state in which the customer's designated premises is located, the rates for Switched Access Services for such customer shall be the Switched Access Service rates then in effect for the serving wire center from which the customer is served.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)(A) Monthly Rates (Cont'd)

In addition, in the states where Expanded Interconnection has become operational and either:

- a total within the state of 100 DS1 equivalent Entrance Facility Office Channel Terminations have been provided in the Zone 1 serving wire centers, access tandems or remote nodes in that state or;
- an average of 25 DS1 equivalent Entrance Facility Office Channel Terminations have been provided per Zone 1 serving wire center, access tandem or remote node in that state,

DS3 Entrance Facility Standard Channel Termination monthly rates are applied based on rate steps provided that the Switched Access Service is ordered between the same two locations (i.e., customer designated premises to End Office, customer designated premises to Tandem or customer designated premises to a Telephone Company Hub or customer designated premises to serving wire center when DS3 to DS1 multiplexer is ordered at the serving wire center) for installation on the same or subsequent date. The rate steps will be applied to the total of all such channels whether the channels are provided on a month to month basis, under one or more Service Discount Plans or a combination of both. Disconnection of any channel is based on ascending order, i.e., the last channel installed is to be the first channel removed. The first channel monthly rate applies to the first Channel Termination installed and remains in effect until all channels are disconnected. As Expanded Interconnection becomes operational in each state the rate steps will be specified in Section 31.6 following.

(C)

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Effective: October 6, 1994

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)(B) Usage Rates

Usage rates are rates that apply only when a specific rate element is used. These are applied on a per access minute, per call or per attempt basis. Usage rates are accumulated over a monthly period.

Usage rates for FGD or CST BSA-Option 3 equipped with Switched Wideband Capability will apply on a per trunk basis. The rates will be determined by multiplying the number of measured access minutes for the call, either originating or terminating, by the number of 64 kbps trunks used to establish the n x 64 kbps call. (N)
(N)
(N)
(N)
(N)

In the states where Expanded Interconnection has become operational, usage rates for Tandem Switched Transport Service are arranged in pricing zones. The pricing zone for each serving wire center in the states where Expanded Interconnection has become operational is specified in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4.

When a customer's designated premises is served by a serving wire center located in a state other than the state in which the customer's designated premises is located, the rates for Switched Access Services for such customer shall be the Switched Access Service rates then in effect for the serving wire center from which the customer is served.

When terminating tandem routed traffic is received from a Tandem Switching Provider, switched access usage charges for the terminating minutes of use to each end office from the Tandem Switching Provider's location will be billed in the following manner: (S) (x)
(S) (x)
(S) (x)
(S) (x)

Certain regulations previously found on this page can now be found on 1st Revised Page 6-86.2.1.

(x) Material scheduled to become effective November 10, 1994 under Transmittal No. 333.

(This page filed under Transmittal No. 334)

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Effective: November 11, 1994

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)(B) Usage Rates (Cont'd)

- | | | |
|-----|--|--|
| (1) | If the Tandem Switching Provider is not the customer of record, the customer of record, i.e., the customer who ordered the facilities to the Tandem Switching Provider's location, or the customer on whose behalf the Tandem Switching Provider has ordered the facilities as agent for the customer, will be billed for all terminating switched access usage charges. A letter of agency signed by both the Tandem Switching Provider and the Tandem Switching Provider's customer will be required. | (C) (x)
(S) (y)
(S) (y)
(S) (y)
(S) (y)
(C) (x)
(C) (x)
(C) (x) |
| (2) | If the Tandem Switching Provider is the customer of record for facilities to the Tandem Switching Provider's location, the terminating switched access usage charges are the responsibility of the Tandem Switching Provider. At the Tandem Switching Provider's request, the Telephone Company will bill each of the Tandem Switching Provider's customers directly for their respective switched access usage charges, if the Tandem Switching Provider agrees to furnish the Telephone Company, free of charge, the call detail information necessary to bill the Tandem Switching Provider's customers, as set forth in Section 6.6.7 preceding. | (N) (x)
(N) (x)
(N) (x)
(N) (x)
(N) (x)
(N) (x)
(N) (x)
(N) (x)
(N) (x)
(N) (x) |

(x) Issued on not less than 4 days' notice under authority of Special Permission No. 95-87 of the Federal Communications Commission.

(y) Material scheduled to become effective January 24, 1995 under Transmittal No. 333.

(This page filed under Transmittal No. 363)

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Effective: January 24, 1995

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)(C) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for a specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for Switched Access Service are: installation of service, installation of optional features or basic service elements, and service rearrangements.

(D) (x)
(D) (x)
(D) (x)
(D) (x)
(D) (x)
(D) (x)
(D) (x)
(D) (x)
(D) (x)
(D) (x)
(D) (x)
(D) (x)
(D) (x)
(D) (x)
(D) (x)

In the states where Expanded Interconnection has become operational, nonrecurring charges for DS1 or DS3 Entrance Facility Standard Channel Terminations, certain Optional Features or basic service elements and mid-links are arranged in pricing zones. The pricing zone for each serving wire center in the states where Expanded Interconnection has become operational is specified in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4.

When a customer's designated premises is served by a serving wire center located in a state other than the state in which the customer's designated premises is located, the charges for Switched Access Services for such customer shall be the Switched Access Service charges then in effect for the serving wire center from which the customer is served.

- (x) Issued on not less than 1 day's notice under authority of Special Permission No. 94-1121 of the Federal Communications Commission to reinstate material presently in effect.

(This page filed under Transmittal No. 335)

Issued: September 29, 1994

Effective: September 30, 1994

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)(C) Nonrecurring Charges (Cont'd)(1) Installation of Service

Except as set forth in (3) following, a nonrecurring charge applies for the initial installation of an Entrance Facility and, if applicable, the initial installation of a Channel Mileage Mid-Link and multiplexer. For each Entrance Facility of the same type (i.e., Voice Grade, DS1, DS3) ordered at the same time, for the same date and from the same customer premises, multiplexing node or virtual collocation arrangement to the same serving wire center, the applicable Channel Termination nonrecurring charge will apply on a first and additional basis.

The Local Switching nonrecurring charge applies to each Switched Access Service line or trunk installed.

For Switched Access Service ordered on a busy hour minutes of capacity basis (i.e., Tandem Switched Transport), the Local Switching nonrecurring charge is also applied on a per trunk basis, but the charge applies only when the capacity ordered requires the installation of an additional trunk(s).

The nonrecurring charge for CCSA STP Links is applied per link connection.

The nonrecurring charge for Dedicated Links used in the provision of Night Transfer, SMDI or Trunk Group Make Busy BSEs is applied per link connection.

The nonrecurring charge for TRS Equal Access Interconnection is applied per interconnection.

When service is added to a Commitment Discount Plan, the nonrecurring charge which applies is the lesser of (i) the nonrecurring charge for the service as specified in Section 31. following or (ii) \$1.00.

(N)
(N)
(N)
(N)

(This page filed under Transmittal No. 502)

Issued: June 15, 1998

Effective: June 30, 1998

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)(C) Nonrecurring Charges (Cont'd)(1) Installation of Service (Cont'd)

Nonrecurring charges also apply for the installation of 900 Access Service. These charges apply on a per LATA basis. A Service Establishment Charge applies to set up 900 Access Service within a LATA. The Service Establishment Charge includes the activation of one NXX code. A separate nonrecurring charge applies for the addition of each additional NXX code in the same LATA coincident with the establishment of service. When the 0+900 Option is added coincident with the initial installation of 900 Access Service or is added to existing 900 Access Service NXX codes, the 0+900 Option Establishment Charge will apply on a per end office basis for each office within the LATA that requires modification to allow for 0+900+NXX-XXXX dialing. When the 0+900 Option is added to existing 900 Access Service NXX codes, the 0+900 Option Establishment Charge includes the activation of one NXX code within the LATA. The 900 Access Service Additional NXX code nonrecurring charge will apply to activate the 0+900 Option on each of the additional NXX codes within the LATA.

(2) Installation of Optional Features or Basic Service Elements

If a separate nonrecurring charge applies for the installation of an optional feature or BSE, the charge applies whether the feature is installed coincident with the initial installation of service or at any time subsequent to the initial installation of service.

For optional features or BSEs without separate nonrecurring charges, the Local Switching nonrecurring charge will apply when optional features or BSEs are ordered subsequent to the initial installation.

Certain regulations on this page formerly appeared on 7th Revised Page 6-87.

(This page filed under Transmittal No. 221)

Issued: September 1, 1993Effective: ~~December 1, 1993~~
December 30, 1993

Managing Director - Access Markets
222 Bloomingdale Rd., White Plains, NY 10605

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)(C) Nonrecurring Charges (Cont'd)(3) Service Rearrangements

Service rearrangements are changes to existing (installed) services which do not result in either a change in the minimum period requirements as set forth in 5.2.5 preceding or a change in the physical location of the point of termination at a customer's premises or a customer's end user's premises. Changes which result in the establishment of new minimum period obligations are treated as discontinuances of existing service and installations of new service. Changes in the physical location of the point of termination at a customer designated premises are treated as moves and are described and charged for as set forth in 6.7.5 following.

(C)

(C)

The charge to the customer for the service rearrangement is dependent on whether the change is administrative only in nature or involves an actual physical change to the service.

Administrative changes, as follow, will be made without charge(s) to the customer:

- Change of customer name;
- Change of customer or customer's end user premises address when the change of address is not a result of a physical relocation of equipment;
- Change in billing data (name, address, or contact name or telephone number);
- Change of agency authorization;
- Change of customer circuit identification;
- Change of billing account number;
- Change of customer test line number;

(This page filed under Transmittal No. 250)

Issued: November 18, 1993Effective: ~~February 15, 1994~~
February 16, 1994

Managing Director - Access Markets
222 Bloomingdale Rd., White Plains, NY 10605

(T)

6. Switched Access Service (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

- Change of customer or customer's end user contact name or telephone number; and
- Change of jurisdiction.
- If, due to network considerations of the Telephone Company, it was impossible to combine 500, 800 or 900 Access Service traffic with a customer's other trunk side Switched Access Services, no charge shall be applied to combine the trunk groups when it becomes possible.
- Change in billing option within the same access tandem from Tandem Switched Transport to Direct Trunked Transport or vice versa.

[illegible]

(This page filed under Transmittal No. 414)

Effective: July 1, 1996

Vice President - Access and Network Interconnection Marketing
222 Bloomingdale Rd., White Plains, NY 10605

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)(C) Nonrecurring Charges (Cont'd)(3) Service Rearrangements (Cont'd)

(a) Trunk Rearrangements

- If the change involves rearrangement of a customer's trunkside Switched Access Service Arrangement from direct routed to tandem routed, or from tandem routed to direct routed, a charge as set forth in Section 31.6 following shall apply for the customer requested rearrangement, provided all of the following conditions are met.
- The same customer premises or multiplexing node is maintained;
- The direct routed end office must subtend the tandem which service is being rearranged to or from;
- The Telephone Company will work cooperatively with the customer to determine the equivalent basis for the trunk rearrangements based on industry accepted engineering standards; and
- The orders to connect at the tandem or end office must be placed at the same time as the orders to disconnect from the end office or tandem. The due date for the disconnect order may not be more than 90 days after the due date for the connect order.

In compliance with the Federal Communications Commission's Order In the Matter of Transport Rate Structure and Pricing, CC Docket No. 91-213, released May 16, 1997, the Trunk Rearrangement Nonrecurring Charge as set forth in Section 31.6.1(J)(2) following for rerouting of trunks, as defined in Section 2.6 preceding, from end office to access tandem or from access tandem to end office shall be waived through January 1, 1999. Installation of new Switched Access facilities for such trunk rearrangements will not be subject to a nonrecurring charge. The Telephone Company guarantees to provide these rearrangements at no charge on orders due dated no later than January 1, 1999.

(N)
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(This page filed under Transmittal No. 456)

Issued: June 16, 1997

Effective: July 1, 1997

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

(D)
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(This page filed under Transmittal No. 414)

Issued: May 16, 1996

Effective: July 1, 1996

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)(C) Nonrecurring Charges (Cont'd)(3) Service Rearrangements (Cont'd)

(b) Rearrangements onto existing DS1/DS3 Facilities (T)

- Rearrangements of Switched Access Services onto an existing Switched Access DS3 or DS1 Entrance Facility or Direct Trunked Transport Facility will be subject to the rearrangement charge set forth in Section 31.6 provided the same customer designated premises and end points of the underlying Switched Access Services remain the same. (C) (C)

All other service rearrangements will be subject to the regulations set forth following.

- Subsequent to the initial installation of 900 Access Service or the 0+900 Option, any addition or deletion of a 900 Access Service NXX will be charged for as set forth following. A nonrecurring charge applies for the first NXX code added or deleted and a separate nonrecurring charge applies for each additional NXX code added or deleted at the same time in the same LATA on the same order. For the deletion of the 0+900 Option, the 900 Access Service Subsequent Order Initial and Additional NXX code nonrecurring charge will apply per NXX to deactivate 0+900+NXX-XXXX dialing. The 0+900 Option must be deleted from all NXX codes provided within a LATA. The charges are as set forth in 31.6 following.

(This page filed under Transmittal No. 414)

Issued: May 16, 1996

Effective: July 1, 1996

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

- If the change involves the rearrangement of existing Switched Access Services from a digital Interface Group to another capable of a higher bit rate (e.g., from Interface Group 6 to Interface Group 9), to a multiplexed 44.736 Mbps High Capacity facility or to a NYNEX Enterprise SONET Private Network Service, the Digital to Digital rearrangement charge set forth in 31.6 following will apply per Interface Group with the lower bit rate capability. No charge applies to the individual Switched Access Services provided within the Interface Group unless the customer changes the service type or changes only a portion of the individual services from one Interface Group to the other, in which case the appropriate nonrecurring charge for each change will apply.

(C)

(This page filed under Transmittal No. 323)

Issued: August 22, 1994

Effective: October 6, 1994

Managing Director - Access Markets
222 Bloomingdale Rd., White Plains, NY 10605

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)(C) Nonrecurring Charges (Cont'd)(3) Service Rearrangements (Cont'd)

- If the change involves the rearrangement of an existing Telephone Company provided Switched Access Service Feature Group B, C or D Service into a Telephone Company provided Switched Access Service under an Expanded Interconnection Arrangement, or from one Telephone Company provided Expanded Interconnection Arrangement to another within the same Telephone Company serving wire center, access tandem or remote node, an Interconnection Rearrangement Charge as set forth in 31.6.1(J)(8)(a) following will apply for each service reconfigured.
- If the change involves the rearrangement of a Telephone Company provided Switched Access Feature Group B, C or D provided under an Expanded Interconnection Arrangement to a Telephone Company provided Switched Access Service an Interconnection Rearrangement Charge as set forth in 31.6.1(J)(8)(b) following will apply for each service reconfigured.
- If the change involves the conversion of existing Feature Group D or CST BSA - Option 3 services with multifrequency address signaling to Feature Group D or CST BSA - Option 3 with the SS7 signaling option, a rearrangement charge, as set forth in 31.6.1 following will apply for the first trunk converted, and an additional trunk rearrangement charge, as set forth in 31.6.1 following will apply for each additional trunk ordered and converted at the same time.
- If the change involves a change of point code on Feature Group D or CST BSA - Option 3 with the SS7 signaling option, a rearrangement charge as set forth in 31.6.1 following will apply on a first and additional basis for all orders placed at the same time, between the same two points and for the same due date.

Certain regulations on this page formerly appeared on 10th Revised Page 6-91.

(This page filed under Transmittal No. 506)

Issued: June 16, 1998

Effective: July 1, 1998

Managing Director - Access Markets
222 Bloomingdale Rd., White Plains, NY 10605

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)(C) Nonrecurring Charges (Cont'd)(3) Service Rearrangements (Cont'd)

- If the change involves the conversion of existing Feature Group D or CST BSA - Option 3 services with multifrequency address signaling to Feature Group D or CST BSA - Option 3 with the SS7 signaling option, a rearrangement charge, as set forth in 31.6.1 following will apply for the first trunk converted, and an additional trunk rearrangement charge, as set forth in 31.6.1 following will apply for each additional trunk ordered and converted at the same time.
- If the change involves a change of point code on Feature Group D or CST BSA - Option 3 with the SS7 signaling option, a rearrangement charge as set forth in 31.6.1 following will apply on a first and additional basis for all orders placed at the same time, between the same two points and for the same due date.
- If the change involves the addition of an optional feature or BSE which has a separate nonrecurring charge, that nonrecurring charge will apply.
- If the change involves a modification to an existing FGD or CST BSA - Option 3 to include the provision of 64 kbps Clear Channel Capability, the Local Switching nonrecurring charge will apply per trunk.
- For all other changes, including the addition of, or modifications to, optional features or BSEs without separate nonrecurring charges, except when adding the Advanced Access Screening Capability to existing FGD or CST BSA-Option 3 trunks, the Local Switching nonrecurring charge will apply. When an optional feature or BSE is not required on each transmission path, but for an entire transmission path group, an end office or an access tandem switch, only one such charge will apply (i.e., it will not apply per transmission path).

(C) (x)
(S) (y)

(x) Issued under authority of Special Permission No. 94-1445 of the Federal Communications Commission.

(y) Material scheduled to become effective January 28, 1995 under Transmittal No. 329.

(This page filed under Transmittal No. 357)

Issued: December 14, 1994

Effective: January 28, 1995

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)(C) Nonrecurring Charges (Cont'd)(3) Service Rearrangements (Cont'd)

- In the New England Telephone operating territory, if the change involves a modification to a FGB, FGC, FGD or CST BSA - Option 1, 2 or 3 to include the initial provision of 900 Access Service in addition to non-900 Access Service traffic, the Local Switching nonrecurring charge will apply for service rearrangements on the existing trunks.

(4) Conversion of Feature Group Arrangements to Basic Serving Arrangements

Nonrecurring charges will not apply for the conversion of existing Feature Group Arrangements to a BSA equivalent with equivalent BSEs provided the conversion does not involve a change in the technical characteristics of the existing service. If the requested BSA conversion results in a change in the technical characteristics of the existing Feature Group Arrangement, nonrecurring charges may apply as set forth in (3) preceding.

(D) Application of Rates

Local Switching and certain Local Transport rates are applied either as premium rates or transitional rates.

The Local Transport Interconnection Charge is applied to all access minutes based upon the directionality of the traffic carried over the Switched Access Service and whether or not it is collocated (provided under an Expanded Interconnection Arrangement at an end office). The originating Interconnection Charge rate will apply to all originating access minutes of use except those associated with calls placed to 700, 800 and 900 numbers. The terminating Interconnection Charge rate will apply to all terminating access minutes of use and all originating access minutes of use associated with calls placed to 700, 800 and 900 numbers.

Within the New York Metro LATA, the Local Transport Interconnection Charge is also arranged in pricing zones. The pricing zone for each wire center is specified in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4.

The specific application of premium and transitional rates for a specific customer is dependent upon the Switched Access Service Arrangement and the availability of equal access capabilities in the end office to which the service is provided.

The following rules provide the basis for applying the premium and transitional rates.

(This page filed under Transmittal No. 494)

Issued: April 2, 1998

Effective: ~~April 17, 1998~~
April 18, 1998

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)(D) Application of Rates (Cont'd)

(1) Premium rates apply to all:

- (a) FGC, FGD and CST BSA - Option 2, 3 and 4 access minutes; (C)
- (b) FGA, FGB, CSL BSA and CST BSA - Option 1 access minutes that originate from, or terminate at, end offices equipped with equal access (i.e., FGD or CST BSA - Option 3) capabilities, except end offices equipped with Minimum Divergence Access Service;
- (c) Access minutes that originate from, or terminate at, end offices not equipped with equal access capabilities or end offices equipped with Minimum Divergence Access Service capabilities, when the service is provided to customers which furnish interstate MTS/WATS; and
- (d) 800 Access Service access minutes that originate from end offices not equipped with equal access capabilities when the customer elects to combine such traffic with its tandem routed FGD or CST BSA - Option 3 traffic.

(2) Transitional rates (e.g., discounted access minute rates) apply to FGA, FGB, CSL BSA and CST BSA - Option 1 access minutes (measured or assumed) that originate from or terminate at

- (a) End offices not equipped with equal access capabilities; or
- (b) End offices equipped with Minimum Divergence Access Service except as set forth in (1)(c) preceding.

(3) When FGA, FGB, CSL BSA or CST BSA - Option 1 Switched Access Service provided to an entry switch (i.e., dial tone office for FGA or CSL BSA and access tandem for FGB or CST BSA - Option 1) has usage originating from and/or terminating at both end offices that have been converted to equal access and end offices that have not been converted, the premium and transitional rates will apply for Switched Access Service (including Carrier Common Line) in the following manner:

(This page filed under Transmittal No. 157)

Issued: February 1, 1993

Effective: March 18, 1993

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)(D) Application of Rates (Cont'd)

(3) (Cont'd)

- (a) All access minutes that originate from or terminate at the equal access end office(s), and 800 Data Base Access Service access minutes originating from or terminating to end offices equipped with Minimum Divergence Access Service capabilities, will be billed at premium rates. Access minutes that originate from or terminate at end offices not equipped with equal access capabilities, or end offices equipped with Minimum Divergence Access Service capabilities, hereinafter referred to as non-premium access minutes, will be billed at transitional rates. Transitional usage rates will apply to FGA, FGB, CSL BSA and CST BSA - Option 1 services as follows. The number of non-premium access minutes to be billed at transitional rates is derived by subtracting the number of premium rated access minutes from the total number of access minutes. Premium access minutes will be determined as set forth in (b) following. (C)
- (b) The number of access minutes to be rated as premium access minutes is determined as follows. (C)
- (i) Where measurement capability exists, and end office specific usage data is available, premium rates will apply to all access minutes originating from or terminating at equal access end offices, excluding non-800 access minutes originating from or terminating at end offices where Minimum Divergence Access Service is provided. (C)

(This page filed under Transmittal No. 168)

Issued: March 1, 1993

Effective: May 1, 1993

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)(D) Application of Rates (Cont'd)

(3) (Cont'd)

(b) (Cont'd)

- (ii) Where measurement capability does not exist and/or end office specific usage data is not available, originating and/or terminating usage will be apportioned between premium and non-premium usage as described following. The usage to be apportioned will be the recorded usage or the assumed usage as set forth in 6.7.6 following. Such apportionment will be based on the ratio of the number of subscriber lines in the access area (i.e., local calling area or LATA or end offices subtending the access tandem, as appropriate) of the entry switch that are served by equal access end offices to the total number of subscriber lines in that access area. For purposes of this apportionment, lines served by Minimum Divergence Access Service end offices will not be included in the count of equal access lines for billing of access minutes. The ratio thus developed is applied to the total measured or assumed originating or terminating FGA, FGB, CSL BSA, or CST BSA - Option 1 usage, as applicable, to determine the usage to be billed at premium rates, unless adjusted as set forth in (iii) following. (C)

The ratios used to determine the premium usage will be updated on a quarterly basis. The ratios to be used for the succeeding quarter will be provided to the customer with the last bill rendered in the quarter or mailed separately within five working days after the first day of the new quarter (i.e., January, April, July and October). The Telephone Company will, upon request, furnish such detailed information as may reasonably be required for verification of ratios used to determine the premium usage. (C)

Issued: November 1, 1991Effective: February 1, 1992
February 2, 1992

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)(D) Application of Rates (Cont'd)

(3) (Cont'd)

(b) (Cont'd)

(ii) (Cont'd)

For purposes of administering this provision: (1) subscriber lines are defined as exchange service lines and Centrex lines provided by the Telephone Company under its local and/or general exchange service tariff, (2) the access area is defined as the local calling area of the dial tone office for originating FGA or CSL BSA and the entire LATA for terminating FGA or CSL BSA, all end offices subtending the access tandem for originating and terminating FGB or CST BSA - Option 1, and (3) the local calling area of the dial tone office is as defined in the Telephone Company's local and/or general exchange service tariff.

- (iii) Where FGD or CST BSA - Option 3 Switched Access Service is provided to a customer in an end office(s) where FGA, FGB, CSL BSA or CST BSA - Option 1 premium access minutes have been determined in accordance with (ii) preceding, such premium access minutes will be adjusted in the following manner. For each FGD or CST BSA - Option 3 access minute (excluding FGD or CST BSA - Option 3 provided with SWITCHWAY Service Access Capability optional feature access minutes) originating from or terminating at that end office, the originating or terminating FGA, FGB, CSL BSA or CST BSA - Option 1 premium access minutes determined as set forth in (ii) preceding will be reduced on a one for one basis, but in no event shall the reduction exceed the total number of FGA, FGB, CSL BSA or CST BSA - Option 1 premium access minutes originating from or terminating at that end office. Originating FGD or CST BSA - Option 3 access minutes are used to reduce only originating FGA, FGB, CSL BSA or CST BSA - Option 1 premium access minutes. Terminating FGD or CST BSA - Option 3 access minutes are used to reduce only terminating FGA, FGB, CSL BSA or CST BSA - Option 1 premium access minutes. The customer will be billed for the revised number of premium access minutes.

Issued: November 1, 1991Effective: ~~February 1, 1992~~
February 2, 1992

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)(D) Application of Rates (Cont'd)

- (4) Where originating and/or terminating recording capability does not exist for FGA, FGB, CSL BSA or CST BSA - Option 1 provided via Tandem Switched Transport to an entry switch and for originating CST BSA - Option 4, the number of access minutes will be assumed as set forth in 6.7.6 following.

- (5) For terminating CST BSA - Option 4 with the DNIS on 800 BSE, the rates and charges as set forth in Section 31.6.2(C) following will apply. (C)

The Telephone Company will provide written notification to all access customers of record within a particular LATA that an end office in that LATA is scheduled to be converted to an equal access end office. This notification will be sent, via certified U.S. Mail, to each customer of record in the LATA where the conversion is scheduled to occur, at least six months in advance of the conversion date. The customer will have the choice of converting existing services to equal access (i.e., Feature Group D or CST BSA - Option 3) at no charge pursuant to the conditions set forth in 6.7.4 following or retaining the existing services. Except as set forth in 6.7.1(D)(2) preceding, premium rates will apply to the total access minutes beginning on the actual conversion date, whether the customer chooses to convert to FGD or CST BSA - Option 3 or retain existing services.

(E) Application of Local Transport Rates

- (1) For Switched Access Service Entrance Facilities, the rate applies on a recurring monthly basis for the capacity of the Entrance Facility (i.e., DS3, DS1, VG) ordered. In addition, for DS3 Entrance Facilities a mileage sensitive recurring monthly rate also applies.

(This page filed under Transmittal No. 323)

Issued: August 22, 1994

Effective: October 6, 1994

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)(E) Application of Local Transport Rates (Cont'd)

- (2) For Direct Trunked Transport, the channel mileage applies on a fixed and per mile monthly basis. When the channel mileage is zero (i.e., the end office switch or WSO, as appropriate, and the customer's serving wire center are located in the same building, or as set forth in 2.4.8 preceding for Foreign Exchange Service in the New York - New Jersey Corridor) the channel mileage rates do not apply.
- (3) When Direct Trunked Transport is provided to an end office which is a host office, in addition to the appropriate channel mileage monthly rate, the customer will be billed the Host/Remote Transport Termination rate on a per minute of use basis and the Host/Remote Transport Facility rate on a per mile per minute basis for the transport of the call to or from a remote switching system (RSS) or a remote switching module (RSM). The mileage for the Host/Remote Transport Facility rate element will be measured from the host office to the RSS or RSM. The calculation of the mileage is as set forth in 6.7.11(F) following.
- (4) For Tandem Switched Transport, channel mileage applies on a fixed and per mile basis for the dedicated transport between the serving wire center and access tandem. Except for TRS access minutes, the per mile per minute Local Transport Facility and the per minute Local Transport Termination rates apply for the common transport from the access tandem to the end office. The per minute Tandem Switching and Transport Multiplexing rates apply to all minutes of use switched at the access tandem. The Channel Mileage and Local Transport Facility mileage calculation is as set forth in 6.7.11(H) following. In addition, a Dedicated Tandem Trunk Port rate applies on a monthly basis for every activated Direct Trunked Transport trunk which terminates on the serving wire center side of the access tandem. (C)
(C)
(C)
- (5) Reserved for future use. (C)

(This page filed under Transmittal No. 505)

Issued: June 16, 1998

Effective: July 1, 1998

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)(E) Application of Local Transport Rates (Cont'd)

- (6) When the Local Transport Facility mileage is zero as set forth in 2.4.8 preceding for Foreign Exchange Service in the New York - New Jersey Corridor), the Local Transport Facility rate does not apply. (C)
- (7) When Tandem Switched Transport is provided to a remote end office, in addition to the rates set forth in (4) preceding for the transport from the tandem to the host office, the customer will be billed the Host/Remote Transport Termination rate per minute of use and the Host/Remote Transport Facility rate per mile per minute for the transport of the call to or from the remote switching system (RSS) or remote switching module (RSM). The mileage for the Host/Remote Transport Facility will be measured from the host office to the RSS or RSM. The calculation of the mileage is as set forth in 6.7.11(F) following. (T)
- (8) For Feature Group A or CSL BSA Access Services when the off-hook supervisory signaling is forwarded by the customer's equipment when the called party answers, the Local Transport Termination and Transport Multiplexing rates per minute of use and the Local Transport Facility rate per mile per minute will apply for the transport of the call from the dialtone office to the end office to which the traffic terminates or from which the traffic originates. The mileage for the Local Transport Facility will be measured from the dialtone office to the end office. The calculation of the mileage is as set forth in 6.7.11 following.
- (9) For switched access services used in the provision of 800 Data Base Access where the originating end office does not have 888 or 877 SSP capability, and the customer must order Tandem Switched Transport to receive such traffic the Telephone Company will apply a rate adjustment factor to the Tandem Switching and Local Transport Termination minute of use rates and the Local Transport Facility per mile per minute rates, until either the 888 or 877 SSP capability becomes available at the end office or until December 31, 1999, whichever comes first, if the following criteria are met:
- SSP capability for 800 Data Base Access service already exists in the end office; and
 - The customer has Direct Trunked Transport facilities in place at the end office.

(This page filed under Transmittal No. 505)

Issued: June 16, 1998

Effective: July 1, 1998

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)(E) Application of Local Transport Rates (Cont'd)

(9) (Cont'd)

The rate adjustment factor (RAF) will be applied to the tandem switched transport rates in the following manner:

<u>Rate Element</u>	<u>RAF</u>
Tandem Switching	12%
Local Transport Termination	42%
Local Transport Facility	71%

The resultant adjusted switched transport rates will then be applied to eligible 888 or 877 minutes on a monthly basis. If the customer is under a Tandem Switched Transport Service Discount Plan, the rate adjustment factors will be applied to the discounted Local Transport Termination and Local Transport Facility rates.

(F) Application of Common Channel Signaling Access (CCSA) Rates

The STP Link Termination rate applies on a per month basis. The STP Link Channel Mileage rate applies on a fixed and a per mile per month basis. The channel mileage rate will not apply if the mileage measurement between STP locations is zero.

(G) 800 Data Base Access Service Customer Identification Charge

The 800 Data Base Access Service Customer Identification Charge, as specified in 31.6 following, applies to each 800 Data Base Access Service call delivered to the customer. The charge is assessed to the customer on a per query basis and may consist of customer identification [i.e., Carrier Identification Code (CIC)], delivery of the dialed 800 ten-digit number, ANI, and the allowable area of service, designated by the customer, from which 800 calls can be received.

(S) (x)
(S) (x)
(S) (x)
(S) (x)
(S) (x)
(S) (x)
(S) (x)

Certain regulations previously found on this page can now be found on 5th Revised Page 6-26.

(x) Material scheduled to become effective December 4, 1998, under Transmittal No. 528.

(This page filed under Transmittal No. 531)

Issued: November 30, 1998

Effective: December 15, 1998

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)

- (H) 800 to POTS Number Translation Optional Feature (M)
Unless the customer has an active Call Handling and Destination Feature, (M)
customers requesting delivery of a translated POTS telephone number will (M)
be assessed the 800 to POTS Number Translation rate on a per query basis. (M)
This rate will apply in addition to the 800 Data Base Access Service (M)
Customer Identification Charge specified in (G) preceding. The 800 to (M)
POTS Number Translation Optional Feature rates are set forth in 31.6 (M)
following. (M)
- (I) 800 Data Base Access Service Call Handling and Destination Feature Rates (M)
and Charges (M)
A recurring rate will apply on a per query basis when options of the (M)
Call Handling and Destination Feature are used for call routing (M)
information. This rate applies in addition to the Customer (M)
Identification Charge as set forth in (G) preceding. When a combination (M)
of one or more of the options of the Call Handling and Destination (M)
Feature is used on the same call, only one such per query rate shall (M)
apply. (M)
The Call Handling and Destination Feature recurring rates are set forth (M)
in Section 31.6 following. (M)
- (J) Application of Dedicated Link Rates and Charges (M)
The Dedicated Link Channel Termination rate applies on a per month (M)
basis. The Dedicated Link Channel Mileage rate applies on a fixed and a (M)
per mile per month basis. The Channel Mileage rate will not apply if (M)
the mileage measurement between the Telephone Company end office and the (M)
serving wire center of the customer premises is zero. The Dedicated (M)
Link is for use with Night Transfer, SMDI and Trunk Group Make Busy BSEs (M)
only. (M)
- (K) Application of 900 Access Service Rates (M)
A recurring rate will apply on a per call basis for each end user call (M)
forwarded to the customer. The 900 Access Service per call rates are (M)
set forth in Section 31.6 following. (M)

Regulations on this page formerly appeared on 6th Revised Page 6-97.1.

(This page filed under Transmittal No. 402)

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Effective: March 1, 1996

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)(L) Tandem Signaling Option

When the Tandem Signaling Option is provided with originating Feature Group D or CST BSA - Option 3 service, the usage sensitive rate elements (e.g., Local Switching, Interconnection Charge) will be billed to the customer to whom the Carrier Identification Code is assigned.

(M) Advanced Access Screening Capability Customer Identification Charge

The Advanced Access Screening Capability Customer Identification Charge applies for the identification of the appropriate Advanced Access Screening Capability customer. The charge is assessed to the customer on a per call basis. The per call rate is set forth in 31.6 following.

6.7.2 Minimum Periods

Switched Access Service and monthly rated optional features or BSEs are provided for a minimum period of three months, except when service is provided under a Commitment Discount Plan as set forth in Section 25.1 following, in which case the minimum period is one year.

(C)
(C)
(C)

6.7.3 Minimum Monthly Charge

Switched Access Service is subject to a minimum monthly charge. The minimum charge applies for the total capacity provided. The minimum monthly charge for the Local Transport and Local Switching rate elements is the sum of the charges set forth in 31.6 following for the measured or assumed usage for the month. For monthly rated optional features or BSEs, the minimum monthly charge is the tariff monthly rate as set forth in 31.6 following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.4 Change of Switched Access Service Arrangement Type

Changes from one type of Switched Access Service Arrangement to another (e.g., non-900 FGB to FGD or non-900 CST BSA - Option 1 to CST BSA - Option 3) will be treated as a discontinuance of one type of service and a start of another. Local Switching and Local Transport nonrecurring charges will apply, with three exceptions.

(A) When a customer upgrades a Feature Group A or non-900 FGB to a Feature Group D, or CSL BSA or non-900 CST BSA - Option 1 service to CST BSA - Option 3 service, the nonrecurring charge will not apply if the following conditions are met:

- The same customer premises or multiplexing node is maintained; and (C)
- The orders for the disconnect of the FGA, FGB, CSL BSA or CST BSA - Option 1 service and the start of FGD or CST BSA - Option 3 service are placed with the Telephone Company at the same time; and
- The customer requests the same effective date for both the disconnect of service and start of service orders; or
- The customer requests the FGA, FGB, CSL BSA or CST BSA - Option 1 service be disconnected no more than 60 days after allocation translation.

(B) When a FGC is upgraded to a FGD or CST BSA - Option 2 service is upgraded to CST BSA - Option 3 service, the nonrecurring charges will not apply. Because FGC or CST BSA - Option 2 are no longer available in an end office once the end office is equipped with equal access capabilities (i.e., FGD or CST BSA - Option 3), such upgrades will be performed by the Telephone Company without the customer's being required to place an order for the change.

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February 16, 1994

Managing Director - Access Markets
222 Bloomingdale Rd., White Plains, NY 10605

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.4 Change of Switched Access Service Arrangement Type (Cont'd)

- (C) When a FGB for 900 Access Service is upgraded to a FGD, or CST BSA - Option 1 for 900 Access Service is upgraded to CST BSA - Option 3 the nonrecurring charges will not apply. Because FGB for 900 Access Service or CST BSA - Option 1 for 900 Access Service is no longer available in an end office once the end office is equipped with equal access capabilities (i.e., FGD or CST BSA - Option 3), such upgrades will be performed by the Telephone Company without the customer's being required to place an order for the change. (C)

When the effective dates for the disconnect and start of service are the same, minimum period obligations will not change (i.e., the time elapsed in the existing minimum period obligations will be credited to the minimum period obligations for the FGD or CST BSA - Option 3. When the effective dates for the disconnect and start of service are different, new minimum period obligations will be established for the FGD or CST BSA - Option 3 service. For all other changes from one type of Switched Access Service Arrangement to another, new minimum period obligations will also be established.

6.7.5 Moves

A move involves a change in the physical location of one of the following:

- The point of termination at the customer's or the customer's end user's premises; or
- The customer's premises.

The charges for the move are dependent on whether the move is to a new location within the same building or to a different building.

(This page filed under Transmittal No. 173)

Issued: March 19, 1993

Effective: May 3, 1993

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.5 Moves (Cont'd)

(A) Moves Within The Same Building

When the move is to a new location within the same building, the charge for the move will be the Local Switching nonrecurring charge for the capacity affected. In addition, when signaling conversion equipment required for E&M Supervisory Signaling is moved to a new location in the same building, the charge for the move will be an amount equal to one half of the nonrecurring charge for the E&M Supervisory Signaling optional feature. There will be no change in the minimum period requirements.

(C)

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Managing Director - Access Markets
222 Bloomingdale Rd., White Plains, NY 10605

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.5 Moves (Cont'd)(B) Moves to a Different Building

Moves to a different building will be treated as a discontinuance and start of service and all associated nonrecurring charges, including nonrecurring charges applicable to optional features or BSEs will apply. New minimum period requirements will be established for the new service. The customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued service.

6.7.6 Measuring Access Minutes

Customer traffic to end offices will be measured (i.e., recorded or assumed) by the Telephone Company at end office switches or access tandem switches. The measurement of access minutes conforms to the standards set forth in TR-NWT-000508. Originating and terminating calls will be measured (i.e., recorded or assumed) by the Telephone Company to determine the basis for computing chargeable access minutes. For terminating calls over FGA, FGB, FGC to 800, FGD, CSL BSA, CST BSA - Option 1, CST BSA - Option 2 to 800 and CST BSA - Option 3, and for originating calls over FGA or CSL BSA where the off-hook supervisory signal is provided by the customer's equipment, FGB non-900 service, FGD, CST BSA - Option 1 non-900 service, and CST BSA - Option 3, the measured minutes are the chargeable access minutes. When Minimum Divergence Access Service is provided and the Telephone Company entry switch receives answer supervision from the customer's equipment, chargeable access minutes will be obtained by adding the recorded originating measured minutes to a non-conversation time additive (NCTA). This NCTA, which is the time on a completed attempt from customer acknowledgment of receipt of call to called party answer (set up and ringing), will be developed by the Telephone Company. For all other originating calls over Minimum Divergence Access Service, the measured minutes are the chargeable access minutes. For originating calls over FGA or CSL BSA where the off-hook supervisory signal is forwarded by the customer's equipment when the called party answers, FGB 800/900, FGC, CST BSA - Option 1 900, and CST BSA - Option 2, chargeable originating access minutes are derived from recorded minutes in the following manner.

(C) (x)
(C) (x)

(x) Issued under authority of Special Permission No. 96-348 of the Federal Communications Commission.

(This page filed under Transmittal No. 414)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.6 Measuring Access Minutes (Cont'd)

Step 1: Obtain recorded originating minutes and messages (measured as set forth in (A), (B) and (C) following for FGA or CSL BSA where the off-hook supervisory signal is forwarded by the customer's equipment when the called party answers, FGB 900, FGC, CST BSA - Option 1 900, and CST BSA - Option 2 respectively) from the appropriate recording data. (C)

Step 2: Obtain the total attempts by dividing the originating measured messages by the completion ratio. Completion ratios (CR) are obtained separately for the major call categories such as DDD, operator, 800, 900, directory assistance and international from a sample study which analyzes the ultimate completion status of the total attempts which receive acknowledgement from the customer. That is, Measured Messages divided by Completion Ratio equals Total Attempts.

Step 3: Obtain the total non-conversation time additive (NCTA) by multiplying the total attempts (obtained in Step 2) by the NCTA per attempt ratio. The NCTA per attempt ratio is obtained from the sample study identified in Step 2 by measuring the non-conversation time associated with both completed and incompleting attempts. The total NCTA is the time on a completed attempt from customer acknowledgement of receipt of call to called party answer (set up and ringing) plus the time on an incompleting attempt from customer acknowledgement of call until the access tandem or end office receives a disconnect signal (ring - no answer, busy or network blockage). That is, Total Attempts times Non-Conversation Time per Attempt Ratio equals Total NCTA.

Step 4: Obtain total chargeable originating access minutes by adding the total NCTA (obtained in Step 3) to the recorded originating measured minutes (obtained in Step 1). That is, Measured Minutes plus NCTA equals Chargeable Originating Access Minutes.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.6 Measuring Access Minutes (Cont'd)

Following is an example which illustrates how the chargeable originating access minutes are derived from the measured originating minutes using this formula.

Where: Measured Minutes (M. Min.) = 7,000
Measured Messages (M. Mes.) = 1,000
Completion Ratio (CR) = .75
NCTA per Attempt = .4

$$\text{Total Attempts} = \frac{1,000(\text{M. Mes.})}{.75(\text{CR})} = 1,333.33$$

$$\text{Total NCTA} = .4 (\text{NCTA per Attempt}) \times 1,333.33 = 533.33$$

$$\text{Total Chargeable Originating Access Minutes} = 7,000(\text{M. Min}) + 533.33(\text{NCTA}) = 7,533.33$$

When assumed minutes are used, the assumed minutes are the chargeable access minutes.

FGA or CSL BSA access minutes or fractions thereof, the exact value of the fraction being a function of the switch technology where the measurement is made, are accumulated over the billing period for each line or hunt group, and are then rounded up to the nearest access minute for each line or hunt group. FGB, FGC, FGD and CST BSA - Option 1, 2 or 3 access minutes or fractions thereof, the exact value of the fraction being a function of the switch technology where the measurement is made, are accumulated over the billing period for each end office, and are then rounded up to the nearest access minute for each end office.

Assumed minutes are used for FGA or CSL BSA services which originate or terminate in end offices not equipped with measurement capabilities and for originating CST BSA - Option 4 services. (C)

The assumed average interstate access minutes for FGA, CSL BSA or originating CST BSA - Option 4 are as set forth following. (C)
(C)

(This page filed under Transmittal No. 157)

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Effective: March 18, 1993

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.6 Measuring Access Minutes (Cont'd)

When a FGA, FGB, CSL BSA or CST BSA - Option 1 service arranged for two way calling is provided where neither the originating nor terminating access minutes are recorded, the assumed average interstate access minutes are State specific access minutes as set forth following. In addition, the number of access minutes assumed to be originating and assumed to be terminating are State specific Originating and Terminating assumed access minutes, respectively, as set forth following. When a FGA, FGB, CSL BSA or CST BSA - Option 1 service arranged for two way calling is provided where recording capability exists for either originating or terminating usage, but not both, the number of assumed access minutes per two-way service will be the State specific Two Way Calling access minutes as set forth following or the recorded usage, whichever is greater. If the usage in the measured direction exceeds the State specific Two Way Calling assumed access minutes, it will be assumed that there is zero usage in the unmeasured direction. If the measured usage is less than the State specific Two Way Calling assumed access minutes, the usage in the unmeasured direction will be assumed to be the State specific Two Way Calling assumed access minutes minus the measured usage (e.g., in the State of Maine, 2724 - 1000 measured = 1724 assumed in the unmeasured direction).

When a FGA, FGB, CSL BSA or CST BSA - Option 1 or CST BSA - Option 4 service arranged for originating only Switched Access Service is provided where the originating access minutes are not recorded, the assumed average originating access minutes are the State specific Originating access minutes as set forth following and no terminating access minutes will apply.

(C)

(This page filed under Transmittal No. 157)

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Effective: March 18, 1993

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.6 Measuring Access Minutes (Cont'd)

When a FGA, FGB, CSL BSA or CST BSA - Option 1 service arranged for terminating only Switched Access Service is provided where the terminating access minutes are not recorded, the assumed average terminating access minutes are the State specific Terminating access minutes as set forth following and no originating access minutes will apply. (C)

<u>Assumed Minutes of Use</u>	<u>ME</u>	<u>MA</u>	<u>NH</u>	<u>RI</u>	<u>VT</u>	<u>NY</u>
Originating per Line or Trunk	1040	1615	946	1449	1186	1306
Terminating per Line or Trunk	1684	3866	1780	2349	2456	587
Two Way Calling per Line or Trunk	2724	5481	2726	3798	3642	1893

(A) Feature Group A/CSL BSA Usage Measurement (C)

For originating calls over FGA or CSL BSA, usage measurement begins when the originating FGA or CSL BSA entry switch receives an off-hook supervisory signal forwarded from the customer's point of termination. (C)
(This off-hook signal is either provided by the customer's equipment or is forwarded by the customer's equipment when the called party answers.) (C)

The measurement of originating call usage over FGA or CSL BSA ends when the originating FGA or CSL BSA entry switch receives an on-hook supervisory signal from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch. (C)
(C)

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February 2, 1992

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.6 Measuring Access Minutes (Cont'd)(A) Feature Group A/CSL BSA Usage Measurement (Cont'd)

For terminating calls over FGA or CSL BSA, usage measurement begins when the terminating FGA or CSL BSA entry switch receives an off-hook supervisory signal from the terminating end user's end office, indicating the terminating end user has answered. The measurement of terminating call usage over FGA or CSL BSA ends when the terminating FGA or CSL BSA entry switch receives an on-hook supervisory signal from either the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

Additionally, when any or all the usage over an unmeasured FGA or CSL BSA line or FGB or CST BSA - Option 1 trunk originates or terminates to a WATS Access Line(s) and the total FGA, FGB, CSL BSA or CST BSA - Option 1 usage recorded at the WATS Serving Office(s) exceeds the assumed usage(s) set forth preceding for FGA, FGB, CSL BSA or CST BSA - Option 1 the recorded usage will be billed to the customer in lieu of the assumed usage.

(B) Feature Group B/CST BSA - Option 1 Usage Measurement

For non-900 originating calls over FGB or CST BSA - Option 1, usage measurement begins when the originating FGB or CST BSA - Option 1 entry switch receives answer supervision forwarded from the customer's point of termination, indicating the customer's equipment has answered. (C)

The measurement of originating non-900 service call usage over FGB or CST BSA - Option 1 ends when the originating FGB or CST BSA - Option 1 entry switch receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch. (C)

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Effective: May 1, 1993

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.6 Measuring Access Minutes (Cont'd)(B) Feature Group B/CST BSA - Option 1 Usage Measurement (Cont'd)

For originating 900 calls over FGB or CST BSA - Option 1, usage measurement begins when the originating FGB or CST BSA - Option 1 entry switch receives answer supervision from the customer's point of termination, indicating the called party has answered. (C)

The measurement of originating 900 service call usage over FGB or CST BSA - Option 1 ends when the originating FGB or CST BSA - Option 1 entry switch receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch. (C)

For terminating calls over FGB or CST BSA - Option 1, usage measurement begins when the terminating FGB or CST BSA - Option 1 entry switch receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered.

The measurement of terminating call usage over FGB or CST BSA - Option 1 ends when the terminating FGB or CST BSA - Option 1 entry switch receives disconnect supervision from either the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

(C) Feature Group C/CST BSA - Option 2 Usage Measurement

For originating calls over FGC or CST BSA - Option 2, usage measurement begins when the originating FGC or CST BSA - Option 2 entry switch receives answer supervision from the customer's point of termination, indicating the called party has answered.

(This page filed under Transmittal No. 168)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.6 Measuring Access Minutes (Cont'd)(C) Feature Group C/CST BSA - Option 2 Usage Measurement (Cont'd) (C)

The measurement of originating call usage over FGC or CST BSA - Option 2 (C)
ends when the originating FGC or CST BSA - Option 2 entry switch (C)
receives disconnect supervision from either the originating end user's
end office, indicating the originating end user has disconnected, or the
customer's point of termination, whichever is recognized first by the
entry switch.

For terminating calls over FGC or CST BSA - Option 2 to services other (C)
than 800, 900 or Directory Assistance, terminating FGC or CST BSA - (C)
Option 2 usage may not be directly measured at the terminating entry (C)
switch, but may be imputed from originating usage, excluding usage from
calls to 800, 900 or Directory Assistance Services. Actual measured
usage will be used where available rather than an imputed value.

For terminating calls over FGC or CST BSA - Option 2 to 800 Service, (C)
usage measurement begins when the terminating FGC or CST BSA - Option 2 (C)
entry switch receives answer supervision from the terminating end user's
end office, indicating the terminating 800 Service end user has
answered.

The measurement of terminating call usage over FGC or CST BSA - Option 2 (C)
to 800 Service ends when the terminating FGC or CST BSA - Option 2 entry (C)
switch receives an on-hook supervisory signal from the terminating end
user's end office, indicating the terminating 800 Service end user has
disconnected, or from the customer's point of termination, whichever is
recognized first by the entry switch.

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February 2, 1992

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.6 Measuring Access Minutes (Cont'd)

- (D) Feature Group D/CST BSA - Option 3 Usage Measurement (C)
- For originating calls over FGD or CST BSA - Option 3 except for FGD or CST BSA - Option 3 provided from Minimum Divergence Access Service end offices and FGD or CST BSA - Option 3 with the SS7 signaling option, usage measurement begins when the originating FGD or CST BSA - Option 3 entry switch receives the first wink supervisory signal forwarded from the customer's point of termination. (C)
- For originating calls over FGD or CST BSA - Option 3 with the SS7 signaling option, usage measurement for direct trunks begins when the FGD or CST BSA - Option 3 entry switch sends an initial address message. Usage measurement for tandem trunks begins when the FGD or CST BSA - Option 3 entry switch receives an exit message. (C)
- For Minimum Divergence Access Service end offices not equipped with suitable measurement capabilities, usage measurement begins when the originating FGD or CST BSA - Option 3 entry switch receives answer supervision from the customer's point of termination, indicating that the called party has answered. If no answer supervision is received by the originating FGD or CST BSA - Option 3 entry switch, usage measurement begins when the originating FGD or CST BSA - Option 3 entry switch receives the first wink supervisory signal forwarded from the customer's point of termination. (C)
- The measurement of originating call usage over FGD or CST BSA - Option 3 ends when the originating FGD or CST BSA - Option 3 entry switch receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch. (C)

Certain regulations previously found on this page can now be found on Original Page 6-108.1.

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February 2, 1992

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.6 Measuring Access Minutes (Cont'd)

- (D) Feature Group D/CST BSA - Option 3 Usage Measurement (Cont'd) (C)
- For terminating calls over FGD or CST BSA - Option 3, the measurement of (C)
access minutes begins when the terminating FGD or CST BSA - Option 3 (C)
entry switch receives answer supervision from the terminating end user's (M)
end office, indicating the terminating end user has answered. (M)
- The measurement of terminating call usage over FGD or CST BSA - Option 3 (C)
ends when the terminating FGD or CST BSA - Option 3 entry switch (C)
receives disconnect supervision from either the terminating end user's (M)
end office, indicating the terminating end user has disconnected, or the (M)
customer's point of termination, whichever is recognized first by the (M)
entry switch. (M)

Regulations found on this page formerly appeared on 1st Revised Page 6-108.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.6 Measuring Access Minutes (Cont'd)(E) TRS Equal Access Interconnections Usage Measurement

Usage measurement for originating calls begins when the TRS Carrier's (N)
switch receives the first wink supervisory signal forwarded from the (N)
IC's point of interconnection. The call usage ends when the TRS (N)
Carrier's switch receives disconnect supervision from either the (N)
originating end user's end office or the IC's point of termination, (N)
whichever is recognized first by the TRS Carrier's Switch. (N)

When the call usage provided to the Telephone Company by the TRS Carrier (N)
for IC billing is based on answer supervision (rather than a wink (N)
supervisory signal) from the IC's switch, chargeable access minutes will (N)
be obtained by adding the recorded originating measured minutes to a (N)
non-conversation time additive (NCTA). (N)

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Managing Director - Access Markets
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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.7 Network Blocking Charge for Feature Group D or CST BSA - Option 3

The customer will be notified by the Telephone Company to increase its capacity (busy hour minutes of capacity or quantities of trunks) when excessive trunk group blocking occurs on groups carrying Feature Group D or CST BSA - Option 3 traffic. Excessive trunk group blocking occurs when the blocking thresholds as described in 6.5.6 preceding are exceeded. If the order for sufficient additional capacity to handle the customer's traffic has not been received by the Telephone Company within 15 days of the notification, the Telephone Company will bill the customer, at the rate set forth in 31.6 following for each overflow in excess of the chargeable threshold. (C)

Chargeable ThresholdsFor Trunk Groups as Specified in 6.5.6(D)(1)

<u>Trunk Group Size</u>	<u>Allowable Overflows Per Trunk Per Month</u>
1-2	18
3-4	19
5-6	13
7-40	10
40-139	9
140-500	8
501 or greater	7

For Trunk Groups as Specified in 6.5.6(D)(2)

<u>Trunk Group Size</u>	<u>Allowable Overflows Per Trunk Per Month</u>
1-4	10
5-6	8
7-125	6
126 or greater	5

(This page filed under Transmittal No. 323)

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Effective: October 6, 1994

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.8 Application of Rates for Extension Service

Feature Group A or CSL BSA Switched Access Service is available with extensions, i.e., additional terminations of the service at different building(s) in the same or a different LATA. Feature Group A or CSL BSA extensions in the same LATA (and same state) are charged for under the Telephone Company's local and/or general exchange service tariffs. Feature Group A or CSL BSA extensions in different LATAs (or in a different state in the same LATA) are provided and charged for as Special Access Service for that portion of the service offered within the LATA. The rate elements which apply are: A Voice Grade Channel Termination, Channel Mileage, if applicable, and Signaling Capability, if applicable. All appropriate monthly rates and nonrecurring charges as set forth in 31.7 following will apply. Such extensions are ordered as set forth in 5.2 preceding. (C)

6.7.9 Message Unit Credit

Calls from end users to the seven digit local telephone numbers associated with Feature Group A or CSL BSA Switched Access Service are subject to Telephone Company local and/or general exchange service tariff charges (including message unit and toll charges as applicable). The monthly bills rendered to customers for their Feature Group A or CSL BSA Switched Access Service will include a credit to reflect any message unit charges collected from their end users under the Telephone Company's local and/or general exchange service tariffs. The credit will apply for recorded originating usage or for assumed originating usage, as appropriate, for the FGA or CSL BSA service provided. When the credit is applied on assumed usage, such credit will not exceed the assumed originating levels of usage set forth in 6.7.6 preceding. No credit will apply for any terminating FGA or CSL BSA access minutes. The message unit credit for originating FGA or CSL BSA access minutes is as set forth in 31.6 following. (C)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.10 Local Information Delivery Services

Calls over Switched Access in the terminating direction to certain community information services will be rated under the applicable rates for Switched Access Service as set forth in 31.6 following.

6.7.11 Mileage Measurement

The Channel Termination for a DS3 Entrance Facility consists of a fixed and a per 1/4 mile rate. A minimum fixed and one per 1/4 mile rate always applies. The mileage used to determine the monthly rate for distance sensitive Channel Terminations is the airline distance measured in increments of 1/4 mile (a fractional 1/4 mile increment being considered as a full 1/4 mile increment), directly between the customer's premises and the serving wire center. The mileage measurement is determined by utilizing exchange maps and mileage tables located in designated Telephone Company business offices for such purposes.

The mileage to be used to determine the Direct Trunked Transport Channel Mileage monthly rate is calculated on the airline distance between the end office switch where the call carried by Local Transport originates or terminates and the customer's serving wire center (when Direct Trunked Transport is ordered to an end office) or between the customer's serving wire center and the access tandem (when Direct Trunked Transport is ordered to a tandem). The mileage to be used to determine the Local Transport Facility monthly rate is calculated on the airline distance between the access tandem and the end office switch where the call carried by Local Transport originates or terminates. Exceptions are set forth in (A) through (J) following, 2.4.8 and 6.1.3(A) preceding. The V&H coordinates method is used to determine mileage. This method is set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4 for Wire Center and Interconnection Information (V&H coordinates).

The Tandem Switched Local Transport Facility mileage rate is shown in 31.6 following in terms of per mile per access minute. To determine the rate to be billed, first compute the mileage using the V&H coordinates method. If the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage. Then, multiply the mileage by the appropriate Local Transport Facility rate. The amount to be billed shall be the product of this calculation (i.e., the number of miles multiplied by the per mile rate) multiplied by the number of access minutes.

(This page filed under Transmittal No. 505)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.11 Mileage Measurement (Cont'd)

The Direct Trunked Transport Channel Mileage rates are shown in 31.6 following in terms of fixed and per mile per month. To determine the rate to be billed, first compute the mileage using the V&H coordinates method. If the calculation results in a fraction of a mile, always round up to the next mile before determining the mileage, then multiply the mileage by the appropriate Channel Mileage per mile rate. The amount to be billed shall be the product of this calculation plus the appropriate fixed Channel Mileage rate.

When Hubs are involved, mileage is computed and rates applied separately for each section of the Channel Mileage, i.e., serving wire center of customer premises to a Hub, Hub to end office and/or Hub to Hub.

Mileage measurement for CCSA STP Link Channel Mileage will be calculated on an airline basis, using the V&H coordinates method, between the serving wire center of the customer's SPOI and the Telephone Company's STP.

Exceptions to the mileage measurement rules are as follows:

- (A) Channel Mileage for access minutes provided over Feature Group A or CSL BSA Switched Access Service, including access minutes which originate to/from a WATS Access Line Service, will be calculated on an airline basis, using the V&H coordinates method, between the end office switch where the Feature Group A or CSL BSA switching dial tone is provided and the customer's serving wire center for the Switched Access Service provided. (C)
- Local Transport Facility mileage for access minutes provided over Feature Group A or CSL BSA Switched Access Service, including access minutes which originate to/from a WATS Access Line Service, will be calculated on an airline basis, using the V&H coordinates method, between the end office switch where the Feature Group A or CSL BSA switching dial tone is provided and the end office which serves the called/calling party for calls which terminate within the LATA. Local Transport Facility will not be applicable for such access minutes which originate/terminate outside the originating LATA. (N)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.11 Mileage Measurement (Cont'd)

- (B) When the Alternate Traffic Routing optional feature is provided with Feature Groups B, C, or D or the Alternate Routing - Multiple Customer Premises Routing BSE is provided with CST BSA - Option 1, 2 or 3 to provide service from an end office to different customer premises locations or different multiplexing node locations, Local Transport access minutes will be apportioned between the two transmission routes used to provide this feature. For Feature Groups B, C and CST BSA - Option 1 and 2 and for FGD or BSA - Option 3 which is routed via an access tandem, such apportionment will be made using standard Telephone Company traffic engineering methodology, as set forth in Special Report SR-EOP-000191, Issue No. 1, Trunk Traffic Engineering Concepts and Applications, and will be based on the last trunk CCS desired for the high usage group, as described in 6.3.1(N) preceding, and the relative capacity ordered to the end office, when the feature is provided at an end office switch, or to the subtending end offices when the feature is provided at an access tandem switch. For Feature Group D or CST BSA - Option 3 which is directly routed, the apportionment will be based on the actual measured data which is recorded against the specific trunk group that carried a particular call. This apportionment will serve as the basis for the Local Transport Facility mileage or Channel Mileage calculation. The customer will be billed based on this apportionment. (C)
- (C) When terminating Feature Group B, C or CST BSA - Option 1 or 2 Switched Access Service is provided from multiple customer premises or from multiple multiplexing node locations to an end office not equipped with measurement capabilities, the total Local Transport access minutes for that end office will be apportioned among the trunk groups accessing the end office on the basis of the individual capacity, i.e., trunks or busy hour minutes, ordered for each of those trunk groups. This apportionment will serve as the basis for Local Transport Facility mileage or Channel Mileage calculation. The customer will be billed based on this apportionment. (C)

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February 16, 1994

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.11 Mileage Measurement (Cont'd)

- (D) Reserved for Future Use. (C)
- (E) Except as set forth in (A) preceding, Channel Mileage associated with Direct Trunked Transport facilities for WATS Access Line Service will be calculated on an airline basis, using the V&H coordinates method, between the WATS Serving Office at which the WATS Access Line Service terminates and the customer's serving wire center for the Switched Access Service provided. (C)
- Except as set forth in (A) preceding, Local Transport Facility mileage for access minutes which originate from or terminate to a WATS Access Line Service will be calculated on an airline basis, using the V&H coordinates method, between the WATS Serving Office at which the WATS Access Line Service terminates and the access tandem. (N)
- (F) When Direct Trunked Transport is provided to a host office, in addition to the channel mileage for Direct Trunked Transport which is calculated on an airline basis per mile between the serving wire center and the host office, Host/Remote Transport Facility mileage for access minutes originating from or terminating at a remote switching system or module (RSS or RSM) will be calculated on an airline basis between the host office and the NXX location (i.e., remote office) as shown in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4. (C)
- When common transport is provided to a host office, in addition to the Local Transport Facility mileage which is calculated on an airline basis per mile between the access tandem and the host office, Host/Remote Transport Facility mileage for access minutes originating from or terminating at a remote switching system or module (RSS or RSM) will be calculated on an airline basis between the host office and the NXX location (i.e., remote office) as shown in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4. (N)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.11 Mileage Measurement (Cont'd)

- (G) Channel Mileage associated with Direct Trunked Transport facilities provided to RTU Interconnections will be calculated on an airline basis between the serving wire center of the customer's Switched Access Service and the serving wire center of the RTU Carrier. (C)
Local Transport Facility mileage for access minutes which originate from or terminate to RTU Interconnections will be calculated on an airline basis between the access tandem of the customer's Switched Access Service and the serving wire center of the RTU Carrier. (N)
- (H) When Direct Trunked Transport is ordered to an access tandem, the Channel Mileage measurement will be calculated on an airline basis using the V&H coordinates method, between the serving wire center of the customer premises and the access tandem. In addition, the Local Transport Facility mileage for the Common Transport switched at the tandem will be calculated on an airline basis, using the V&H coordinates method, from the access tandem to the end office. (N)
- (I) Channel Mileage associated with Direct Trunked Transport facilities which originate at TRS Interconnections will be calculated on an airline basis, using the V&H Coordinates method, between the serving wire center of the TRS Carrier and the access tandem. (C)
Local Transport Facility mileage for access minutes of traffic which originates from TRS Interconnections will be calculated on an airline basis, using the V&H coordinates method, between the access tandem and the serving wire center of the Interexchange Carrier. (C)
- (J) Channel Mileage associated with Direct Trunked Transport facilities which are provided for Prepaid Calling Service Access will be calculated on an airline basis, using the V&H coordinates method, between either the Prepaid Calling Service Access wire center or access tandem and the customer's serving wire center. (C)
Local Transport Facility mileage for access minutes in the originating direction when Prepaid Calling Service Access is provided will be calculated on an airline basis, using the V&H coordinates method, between the Prepaid Calling Service Access wire center and the access tandem of the customer's Switched Access Service. (C)

6.7.12 Shared Use Switched Access Facility

Shared use occurs when Switched Access Service and/or CCSA and Special Access Service are provided over the same facility through a common interface. The regulations governing Shared Use Arrangements are set forth in Section 5.2.7 preceding.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.13 Reserved for Future Use

(Z)

6.7.14 Shared Billing Arrangement

A Shared Billing Arrangement allows for the connection of one or more Service Users' Switched Access, Common Channel Signaling Access Services or Special Access to a Host Customer's multiplexed DS1 or DS3 Switched Access facility in the serving wire center of the customer designated premises or in designated Hubs capable of multiplexing DS1 or DS3 Switched Access Services, with the Telephone Company maintaining separate records and billing for each. The Telephone Company will split the billing after the multiplexer for each service connected to the DS1 or DS3 Switched Access Service multiplexer. Each customer will be billed for those rate elements associated with its own portion of the service configuration. Under no circumstances will the rates or charges for individual rate elements be split. This arrangement is only available when (1) a DS3 Switched Access Service is multiplexed to DS1 Switched Access Services; (2) when a DS1 Switched Access Service is multiplexed to Voice Grade services; or (3) a Special Access Service is provided over a DS3 or DS1 Switched Access facility under regulations set forth in Section 5.2.7 preceding.

Each customer may order its individual portion of the multiplexed service separately from the Telephone Company. However, the ordering customer must obtain and provide a copy of a signed letter(s) of authorization, as described in 5.2 preceding, to the Telephone Company when placing an order for a Shared Billing Arrangement. The letter of authorization must be signed by both the Host Customer and the Service User and include the Channel Facility Assignment and Billing Account Number of the Host Customer's service.

Each customer will be billed the applicable tariff rates and charges set forth in Section 31. following for its individual service(s). The rates and charges for Multiplexing will be the responsibility of the Host Customer.

(C)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.14 Shared Billing Arrangement (Cont'd)

Each customer shall be responsible for reporting service outages for its (N)
portion of the multiplexed service. Out of service adjustments will be (N)
handled in accordance with Credit Allowance for Service Interruptions as (N)
set forth in Section 2.4.4 preceding. The Maintenance of Service charge (N)
applies, as set forth in Section 13.3.1 following, to the customer whose (N)
service is reported in trouble. (N)

Under a Shared Billing Arrangement, the Telephone Company may share with (N)
the Host Customer record information pertaining to the multiplexed (N)
service(s) of the Service User(s). Such disclosure will be at the sole (N)
discretion of the Telephone Company as necessary to perform billing (N)
reconciliations or other functions required in connection with (N)
maintaining separate account records. (N)

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Managing Director - Access Markets
222 Bloomingdale Rd., White Plains, NY 10605

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.14 Shared Billing Arrangement (Cont'd)

Each Host Customer and Service User entering into a Shared Billing Arrangement is solely responsible to the Telephone Company for charges associated with that customer's portion of the shared multiplexed service. Disconnection of service by the Host Customer does not relieve the Service User of the shared multiplexed service of any obligation to pay access charges associated with the portion of the shared multiplexed service to which that Service User subscribes. Billing for services and facilities will continue until a disconnect request from the Host Customer or Service User has been received by the Telephone Company. The Host Customer of a Shared Billing Arrangement is solely responsible for notifying the connecting Service User(s) participating in the Shared Billing Arrangement in the event of disconnection of the Host Customer's service. (N)

For administrative purposes, one "Arrangement" under the Shared Billing Arrangement option shall be limited to one Host Customer permitting one Service User to connect a specified number of services to one specified multiplexer on the Host Customer's service. A subsequent request by the Service User to increase the number of services connected to the same multiplexer shall not constitute a new or separate "Arrangement". (N)

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Managing Director - Access Markets
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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.14 Shared Billing Arrangement (Cont'd)

A Shared Billing Arrangement shall be established between a Host Customer and a Service User upon the completion of the service order for the first service(s) in the Arrangement. A Shared Billing Arrangement shall be deemed cancelled when the last service in the Arrangement belonging to the Service User has been disconnected.

A Processing Charge will apply for each Service User order processed for a Shared Billing Arrangement. The Switched Access Service Shared Billing Arrangement Processing Charge is contained in Section 31.6.7 following.

(C)

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Managing Director - Access Markets
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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.15 Facility Hubs

A customer has the option of ordering DS1 or DS3 facilities to a facility Hub for channelizing to individual services requiring lower capacity facilities.

(D)
(D)
(D)
(D)
(D)
(D)

All transport provided to or from an Intermediate or Super-Intermediate Hub that is not the serving wire center of the customer designated premises or multiplexing node will be provided as Direct Trunked Transport.

Different locations may be designated as Hubs for different facility capacities, e.g., multiplexing from digital to digital may occur at one location while multiplexing from digital to analog may occur at a different location. Locations (wire centers) that provide multiplexing of DS1 or DS3 Services have been designated as Intermediate Hubs or Terminus Hubs (described in 2.6 preceding). When ordering, the customer will specify the desired multiplexing Hub(s) selected from the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4 which identifies the type(s) of multiplexing functions which are available, the wire centers at which they are available and the wire centers that subtend DS3 to DS1 and DS1 to Voice Grade multiplexing Hubs.

End to end services may be provided on channels of these facilities to a Hub. The transmission performance for the end to end service provided between the customer and the selected end office(s) or tandem(s) will be that of the lower capacity. For example, when a DS1 facility is multiplexed to Voice Grade channels, the transmission performance of the channelized services will be Voice Grade, not DS1.

(This page filed under Transmittal No. 505)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.15 Facility Hubs (Cont'd)

The Telephone Company will commence billing the monthly rate for the facility to the Hub on the date specified by the customer on the service order. Individual services utilizing these facilities must be installed at a later date. The customer will be billed for a DS1 or DS3 Channel Termination, Channel Mileage (when applicable), and the multiplexer at the time the facility is installed. Individual service rates (by service type) will apply for Channel Mileage for each channelized service. These will be billed to the customer as each individual service is installed.

(M) (S) (x)
(M) (S) (x)
(M) (S) (x)
(M) (S) (x)
(M) (S) (x)
(M) (S) (x)
(M) (S) (x)

Certain regulations on this page formerly appeared on Original Page 6-116.

- (x) Material scheduled to become effective December 30, 1993 under Transmittal No. 221.
- (y) Issued on not less than 7 days' notice under authority of Special Permission No. 93-1211 of the Federal Communications Commission.

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Managing Director - Access Markets
222 Bloomingdale Rd., White Plains, NY 10605

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.15 Facility Hubs (Cont'd)

Cascading multiplexing occurs when a DS1 or DS3 facility is de-multiplexed to provide channels with a lesser capacity and one of the lesser capacity channels is further de-multiplexed. For example, a DS3 facility is de-multiplexed to twenty-eight DS1 channels and then one of the DS1 channels is further de-multiplexed to twenty-four Voice Grade channels.

When cascading multiplexing is performed, whether in the same or a different Hub, a charge for the additional multiplexing unit also applies. When cascading multiplexing is performed at different Hubbing locations, Channel Mileage rates and Mid-link nonrecurring charges also apply between the Hubs.

Certain regulations previously found on this page can now be found on Original Page 6-127.

(This page filed under Transmittal No. 272)

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Managing Director - Access Markets
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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.16 Service Discount Plans

(C)

(A) General

Service Discount Plans are available to the following Switched Access Local Transport rate categories in the states where Expanded Interconnection has become operational and either:

- a total within the state of 100 DS1 equivalent Entrance Facility Office Channel Terminations have been provided in the Zone 1 serving wire centers, access tandems or remote nodes in that state or;
- an average of 25 DS1 equivalent Entrance Facility Office Channel Terminations have been provided per Zone 1 serving wire center, access tandem or remote node in that state:

DS3 Entrance Facility

DS1 Entrance Facility

Direct Trunked Transport

DS3 to DS1 Multiplexing

DS1 to Voice Multiplexing*

Tandem Switched Transport

(N)

- Local Transport Termination

(N)

- Local Transport Facility

(N)

Service Discount Plan regulations for Switched Access Service DS1 and DS3 Entrance Facilities, DS1 and DS3 Direct Trunked Transport and DS3 to DS1 and DS1 to Voice Multiplexing Local Transport rate categories are specified in (B) following. Service Discount Plan regulations for Switched Access Service Tandem Switched Transport Local Transport rate categories are specified in (C) following.

(N)

(N)

(N)

(N)

(N)

(N)

(B) Service Discount Plan for DS1 and DS3 Entrance Facilities, DS1 and DS3 Direct Trunked Transport and DS3 to DS1 and DS1 to Voice Multiplexing

(N)

(N)

(1) General

(T)

A customer with one or more services has the option of requesting, at any time, a Service Discount Plan for some or all services of the same

* New York Telephone only

Certain regulations previously found on this page can now be found on 1st Revised Page 6-118.1.

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Managing Director - Access Markets
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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.16 Service Discount Plans (Cont'd)(B) Service Discount Plan for DS1 and DS3 Entrance Facilities, DS1 and DS3 Direct Trunked Transport and DS3 to DS1 and DS1 to Voice Multiplexing (Cont'd)(1) General (Cont'd)

type and speed. When a customer requests a Service Discount Plan for a Switched Access Service provided under a Shared Use Arrangement, the equivalent Special Access Service Discount Plan, as specified in Section 7.4.10 following, will apply to the Special Access Channels provided over the Shared Use facility. The services must be provided within the same Telephone Company operating territory.

When a Host Customer with an existing multiplexed DS1 or DS3 Entrance Facility requests a Shared Billing Arrangement, as set forth in Section 6.7.14, and a Service Discount Plan is currently in effect on the portion of the multiplexed service that will be billed to a Service User, the Service User will have the option of (1) continuing the existing discount plan and terms and conditions in effect as set forth in Section 6.7.16(C)(1) following or, (2) requesting a new Service Discount Plan for a commitment period equal to or longer than the original commitment period at the then effective discount percentage. If the Service User does not agree to (1) or (2) preceding, the existing customer will be responsible for payment of any termination liability associated with the portion of the service that will be billed to the Service User prior to the establishment of a Shared Billing Arrangement.

When the customer has elected a Commitment Discount Plan as set forth in Section 25. following, a Service Discount Plan will not be established for any service level which is included in a Commitment Discount Plan. A Service Discount Plan may be established for service levels which are not included in the Commitment Discount Plan subject to the regulations specified in Section 25.1.2 following.

(N)
(N)
(N)
(N)
(N)
(N)

(This page filed under Transmittal No. 502)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.16 Service Discount Plans (Cont'd) (S) (x)

- (B) Service Discount Plan for DS1 and DS3 Entrance Facilities, DS1 and DS3 Direct Trunked Transport and DS3 to DS1 and DS1 to Voice Multiplexing (S) (x)
(Cont'd) (S) (x)

(1) General (Cont'd) (S) (x)

When requesting a Service Discount Plan, the customer must specify which services are to be included in the Service Discount Plan. When requesting any activity set forth in (3)(b) through (e) following, the customer must specify by circuit identification which services are affected. (S) (x)

(2) Description (S) (x)

A Service Discount Plan applies to Switched Access Service DS1 and DS3 Entrance Facility Standard Channel Terminations, DS1 and DS3 Direct Trunked Transport Channel Mileage, and Local Transport DS3 to DS1 and DS1 to Voice multiplexing Optional Features monthly rates as set forth in Section 31.6 following. (S) (y)
(S) (y)
(S) (y)
(S) (y)
(C) (y)

The monthly rates for such services are reduced by a fixed percentage.

The amount of the discount percentage differs based on the length of the commitment period selected by the customer and the type of service. The customer must specify the number of months selected as the commitment period for its Service Discount Plan.

The discount percentage is applied to the currently effective monthly rates. Such rates may change during the commitment period, thereby causing an increase or decrease in the rates applicable to the customer.

(x) Material scheduled to become effective October 28, 1994 under Transmittal No. 311.

(y) Material scheduled to become effective August 31, 1994 under Transmittal No. 273.

(This page filed under Transmittal No. 323)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.16 Service Discount Plans (Cont'd) (C)

- (B) Service Discount Plan for DS1 and DS3 Entrance Facilities, DS1 and DS3 Direct Trunked Transport and DS3 to DS1 and DS1 to Voice Multiplexing (C)
(Cont'd) (C)

(2) Description (Cont'd) (T)

In the event that the Telephone Company initiates rate increases beginning the first day of July in the current year and ending the first day of July in the following year (the Tariff Annual SDP Period) and the total discounted monthly rate for a Switched Access Service increases by more than eight percent during that annual period, the customer may cancel its Service Discount Plan for the affected service without termination liability as set forth in (C) following. The customer must exercise its option to cancel the Service Discount Plan for the affected service within ninety (90) days of the date of the effective rate increase.

The discount percentage will not be subject to Telephone Company initiated decreases during that period. However, if the Telephone Company initiates an increase in the discount percentage during that period, that increased discount will be used to determine the rates applicable to the customer.

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Managing Director - Access Markets
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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.16 Service Discount Plans (Cont'd)(B) Service Discount Plan for DS1 and DS3 Entrance Facilities, DS1 and DS3 Direct Trunked Transport and DS3 to DS1 and DS1 to Voice Multiplexing (Cont'd)(2) Description (Cont'd)

(a) Service Commitment Periods and Discount Percentages Applicable to Local Transport monthly rates:

(i) DS1 Level Services in NYT

- DS1 Entrance Facility Channel Terminations, Direct Trunked Transport Channel Mileage and DS1 to Voice Multiplexing Optional Feature

24 months - 35 months	10%	(C)
36 months - 47 months	20%	(C)
48 months - 59 months	25%	(C)
60 months - 71 months	30%	(C)
84 months - 95 months	35%	(C)

(ii) DS3 Level Services in NYT

- DS3 Entrance Facility - Optical Fiber Interface Channel Terminations, Direct Trunked Transport Channel Mileage and DS3 to DS1 Multiplexing Optional Feature

24 months - 35 months	5%
36 months - 47 months	10%
48 months - 59 months	25%
60 months - 71 months	35%
84 months - 95 months	40%
120 months - 131 months	40%

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.16 Service Discount Plans (Cont'd) (C)(B) Service Discount Plan for DS1 and DS3 Entrance Facilities, DS1 and DS3 Direct Trunked Transport and DS3 to DS1 and DS1 to Voice Multiplexing (C)
(Cont'd) (C)(2) Description (Cont'd) (T)

(a) (Cont'd) (T)

(ii) DS3 Level Services in NYT (Cont'd) (T)

- DS3 Entrance Facility - Electrical Interface Channel Terminations, Direct Trunked Transport Channel Mileage and DS3 to DS1 Multiplexing Optional Feature

24 months - 35 months	5%
36 months - 47 months	10%
48 months - 59 months	25%
60 months - 71 months	35%
84 months - 95 months	40%
120 months - 131 months	40%

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.16 Service Discount Plans (Cont'd)(B) Service Discount Plan for DS1 and DS3 Entrance Facilities, DS1 and DS3 Direct Trunked Transport and DS3 to DS1 and DS1 to Voice Multiplexing (Cont'd)(2) Description (Cont'd)

(b) Service Commitment Periods and Discount Percentages Applicable to Local Transport monthly rates:

(i) DS1 Level Services in Massachusetts

- DS1 Entrance Facility Channel Terminations and Direct Trunked Transport Channel Mileage

24 months - 35 months	10%	(C)
36 months - 47 months	20%	(C)
48 months - 59 months	25%	(C)
60 months - 71 months	30%	(C)
84 months - 95 months	35%	(C)

(ii) DS3 Level Services in Massachusetts

- DS3 Entrance Facility - Optical Fiber Interface Channel Terminations and Direct Trunked Transport Channel Mileage

24 months - 35 months	5%
36 months - 47 months	10%
48 months - 59 months	25%
60 months - 71 months	35%
84 months - 95 months	40%
120 months - 131 months	40%

- DS3 to DS1 Multiplexer

120 months - 131 months	40%
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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.16 Service Discount Plans (Cont'd) (C)

(B) Service Discount Plan for DS1 and DS3 Entrance Facilities, DS1 and DS3 Direct Trunked Transport and DS3 to DS1 and DS1 to Voice Multiplexing (C)
(Cont'd) (C)

(2) Description (Cont'd) (T)

(b) (Cont'd) (T)

(ii) DS3 Level Services in Massachusetts (Cont'd) (T)

- DS3 Entrance Facility - Electrical Interface Channel Terminations
and Direct Trunked Transport Channel Mileage

24 months - 35 months 5%

36 months - 47 months 10%

48 months - 59 months 25%

60 months - 71 months 35%

84 months - 95 months 40%

- DS3 to DS1 Multiplexer

24 months - 35 months 5%

36 months - 47 months 10%

48 months - 59 months 25%

60 months - 71 months 35%

84 months - 95 months 40%

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Managing Director - Access Markets
222 Bloomingdale Rd., White Plains, NY 10605

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.16 Service Discount Plans (Cont'd) (C)(B) Service Discount Plan for DS1 and DS3 Entrance Facilities, DS1 and DS3 Direct Trunked Transport and DS3 to DS1 and DS1 to Voice Multiplexing (C)
(Cont'd) (C)(3) Termination Liability (T)(a) General (T)

A termination liability applies during the selected commitment period. Except as set forth in (b) through (e) following, if service is disconnected in full or in part prior to the end of the selected commitment period, the customer is liable for a termination liability charge. In addition, should a customer, prior to the end of the selected commitment period, request that some or all channels of a DS1 or DS3 Entrance Facility be used for Special Access Service the terms and conditions specified in 7.4.10 following for the equivalent Special Access discount plan will apply to such channels for the balance of the selected commitment period. Further, except as provided in (4) and (5) following, when a customer cancels a Service Discount Plan prior to the end of the selected commitment period, the customer is liable for a termination liability charge. (T)

The termination liability charge applies to each Local Transport rate element disconnected or, in the case of cancellation of a Service Discount Plan, to each Local Transport rate element which had been included in the cancelled Service Discount Plan.

The termination liability charge is calculated for the applicable DS1 or DS3 Entrance Facility Channel Termination monthly rates, DS1 or DS3 Direct Trunked Transport Channel Mileage monthly rates and Multiplexing Optional Feature monthly rates as set forth following:

- For disconnects on or prior to the end of the minimum period and prior to the end of the selected commitment period, the termination liability charge will be the difference between the full monthly rates and the discounted monthly rates for the period the service has been in effect.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.16 Service Discount Plans (Cont'd) (C)(B) Service Discount Plan for DS1 and DS3 Entrance Facilities, DS1 and DS3 Direct Trunked Transport and DS3 to DS1 and DS1 to Voice Multiplexing (C)
(Cont'd) (C)(3) Termination Liability (Cont'd) (T)(a) General (Cont'd) (T)

- For disconnects after the end of the minimum period but prior to the end of the selected commitment period and for cancellations of the Service Discount Plan prior to the end of the selected commitment period the following applies:
- Where there is no Service Discount Plan commitment period less than the actual time the services have been in effect, the termination liability charge will be the difference between the full monthly rates and the discounted monthly rates for the period the service has been in effect.
- Where there is a Service Discount Plan commitment period less than the actual time the services have been in effect, the termination liability charge will be the difference between the monthly rates for the highest Service Discount Plan commitment period that could have been satisfied prior to disconnection of the service or cancellation of the plan and the monthly rates for the selected commitment period multiplied by the actual number of months the service has been in effect. For example, if a customer has a 45 month commitment period and disconnects a DS1 Entrance Facility with Direct Trunked Transport Service after forty months and 5 days, the highest Service Discount Plan commitment period that could have been satisfied is forty months. To determine the termination liability charge, the monthly rate for the 45 month plan is subtracted from the monthly rate for the 40 month plan and the difference is multiplied by the forty months that the service has been in effect. If the monthly rate for the 45 month plan and the monthly rate for the 40 month plan are the same rate, the termination liability charge is zero.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.16 Service Discount Plans (Cont'd) (C)

- (B) Service Discount Plan for DS1 and DS3 Entrance Facilities, DS1 and DS3 Direct Trunked Transport and DS3 to DS1 and DS1 to Voice Multiplexing (C)
(Cont'd) (C)

(3) Termination Liability (Cont'd) (T)(a) General (Cont'd) (T)

The monthly rates used to calculate termination liability charges are subject to the reductions, as set forth in 5.2.7 preceding when Special Access Services are provided on a Shared Use Switched Access facility.

The monthly rates used to calculate termination liability charges are applied in ascending order beginning with the lowest applicable rates.

The termination liability charge applies in addition to applicable minimum period charges.

(b) Upgrades (T)

Upgrades include the following types of customer requests:

- A request to disconnect some or all of its discounted digital services in order to replace them with Telephone Company provided digital Switched Access Services with a bit rate higher than that of services being disconnected.

(c) Cancellations (T)

A customer may cancel a Service Discount Plan for a service if the discounted portion of the monthly rate or usage rate for the service increases by more than eight percent during the tariff effective year due to Telephone Company initiated rate increases as specified in (B) preceding. No termination liability charge will apply to such cancellation.

(d) Moves (T)

When a customer requests that some or all of its DS1 or DS3 Entrance Facilities under a Service Discount Plan be moved to a different building, no termination liability charge applies provided the services remain within the same Telephone Company operating territory.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.16 Service Discount Plans (Cont'd) (C)(B) Service Discount Plan for DS1 and DS3 Entrance Facilities, DS1 and DS3 Direct Trunked Transport and DS3 to DS1 and DS1 to Voice Multiplexing (C)
(Cont'd) (C)(3) Termination Liability (Cont'd) (T)(e) Replacements (T)

- (i) When a customer with existing services under a Service Discount Plan wishes to replace one or more of the service(s) included in that Service Discount Plan with other new or existing service(s) of the same speed or type, as appropriate, for the balance of the commitment period for that Service Discount Plan, no termination liability charge will apply provided that: (T)

- The orders to accomplish the replacement are (1) placed with the Telephone Company within sixty (60) days of each other and (2) the replacing services are provided within the same Telephone Company operating territory as the services that are replaced in the Service Discount Plan, and (T)

- The number of services included in the Service Discount Plan remains the same. The replacing services may or may not be equipped with the same multiplexing Optional Feature. When the replacing service is not equipped with the multiplexing Optional Feature, the appropriate termination liability charge will apply to the Optional Feature no longer provided. (T)

- (ii) When a customer with existing DS3 to DS1 or DS1 to Voice multiplexers under a Service Discount Plan wishes to replace one or more of the multiplexers included in that Service Discount Plan with other new or existing multiplexer(s) of the same type for the balance of the commitment period for that Service Discount Plan, no termination liability charge will apply provided that: (T)

- the orders to accomplish the replacement are (1) placed with the Telephone Company within sixty (60) days of each other and (2) the replacing multiplexer is provided in the same Telephone Company operating territory as the multiplexer being replaced in the Service Discount Plan, and (T)

- the number of multiplexers included in the Service Discount Plan remains the same. (T)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.16 Service Discount Plans (Cont'd) (C)

- (B) Service Discount Plan for DS1 and DS3 Entrance Facilities, DS1 and DS3 Direct Trunked Transport and DS3 to DS1 and DS1 to Voice Multiplexing (C)
(Cont'd) (C)

(4) Additions of Service (T)

When a customer with an existing Service Discount Plan wishes to increase the number of services, it has the following options:

- Subscribe to the additional services under non-discounted rates.
- Subscribe to the additional services under a separate Service Discount Plan at the then effective discount percentage rates and charges.
- Cancel the existing Service Discount Plan and include both the existing and the additional services under a new Service Discount Plan for a commitment period equal to or longer than the original period. No termination charges apply to such cancellation.

(5) Extension of Commitment Period (T)

A customer may, at any time prior to the expiration of the selected commitment period for an existing Service Discount Plan, change to a Service Discount Plan with a longer commitment period at the then effective discount percentage. No termination liability charges will apply for any service extended under the longer commitment period. The monthly rates applicable for the longer commitment period will apply effective with the next bill day following the request for the change.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.16 Service Discount Plans (Cont'd) (C)

- (B) Service Discount Plan for DS1 and DS3 Entrance Facilities, DS1 and DS3 Direct Trunked Transport and DS3 to DS1 and DS1 to Voice Multiplexing (C)
(Cont'd) (C)

(6) Rate Regulations (T)

Where the Service Discount Plan is requested to be provided coincident with the connection of new service, it will be effective with the establishment of service.

Where the Service Discount Plan is requested to be provided on existing service, the plan will be effective on the date the Telephone Company receives the Access Order requesting the discount.

At the end of its selected commitment period, the customer will have the option of subscribing to any then effective Service Discount Plan. If the customer does not notify the Telephone Company of its choice prior to the expiration of the commitment period, the customer's current Service Discount Plan will be renewed upon expiration of the selected period. The renewed plan will have a commitment period equal to that originally selected by the customer and the plan will be considered new.

If the customer notifies the Telephone Company of its choice within the first sixty days of the date of renewal, the customer may cancel the renewed plan and subscribe to any then effective Service Discount Plan or continue with the renewed plan. If, within the first sixty days of the date of renewal, the customer elects to cancel the renewed plan and subscribe to the service on a month-to-month basis or subscribe to a then effective Service Discount Plan, termination liability will not apply.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.16 Service Discount Plans (Cont'd)(C) Service Discount Plan for Tandem Switched Transport Local Transport Termination and Local Transport Facility Rate Elements*(1) General

The Tandem Switched Transport Discount Plan provides a customer with a discounted Tandem Switched Transport Local Transport Termination and Local Transport Facility rate when a customer enters an agreement to commit a designated number of its Tandem Switched Transport minutes of use generated by all of its Switched Access Services within a specified state or LATA for a specified period of time

(2) Description

When a customer requests a service discount plan for its Tandem Switched Transport usage, the customer must specify to the Telephone Company a usage commitment and a commitment period. The usage commitment will be the annual Tandem Switched Transport minutes of use, within a specified state or LATA, that the customer wishes to include in the discount plan. The commitment period will be the length of the discount plan as specified in (3) following.

Once the customer has selected a usage commitment and commitment period, the Tandem Switched Transport minutes accumulated within the specified state or LATA will be discounted on a monthly basis, at the applicable discount rates, until the usage commitment has been satisfied for the first twelve months of the commitment period. Once the usage commitment has been satisfied, additional Tandem Switched Transport usage accumulated within the specified state or LATA in subsequent months following the month in which the usage commitment is met will be billed at non-discounted rates for the balance of the first twelve months of the plan. Tandem Switched Transport usage will begin to be discounted again at the

* New York Telephone and Massachusetts only.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.16 Service Discount Plans (Cont'd)(C) Service Discount Plan for Tandem Switched Transport Local Transport Termination and Local Transport Facility Rate Elements* (Cont'd)(2) Description (Cont'd)

start of the next consecutive twelve months of the commitment period until the usage commitment has again been satisfied, at which time non-discounted rates will begin to be applied to the balance of the Tandem Switched Transport usage. This process will continue for the balance of the customer's commitment period.

During the commitment period the Tandem Switched Transport usage shall be reviewed in consecutive twelve month intervals beginning with the first twelve months of the commitment period. If the customer fails to meet its usage commitment in any consecutive 12 months of its commitment period, the customer's Tandem Switched Transport usage for that twelve (12) month period will be recalculated and billed at non-discounted rates.

Customers subscribing to a Tandem Switched Transport discount plan will have a single discount plan established exclusively for the Local Transport Termination and Local Transport Facility rate elements associated with its Switched Access Service within the designated LATA or state. All minutes of use derived from future installations of Tandem Switched Transport Switched Access Service in the specified state or LATA will be included in the discount plan and applied towards the usage commitment.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.16 Service Discount Plans (Cont'd)(C) Service Discount Plan for Tandem Switched Transport Local Transport Termination and Local Transport Facility Rate Elements* (Cont'd)(3) Tandem Switched Transport Commitment Periods and Discounted Rates

<u>Commitment Period</u>	<u>Discount Rates - (All Zones)</u>	
	<u>Local Transport Termination (per MOU)</u>	<u>Local Transport Facility (per mile, per MOU)</u>
24 Months	\$ 0.000143 (R)	\$ 0.0000285
36 Months	0.000131 (R)	0.0000263
48 Months	0.000120 (R)	0.0000240
60 Months	0.000109 (R)	0.0000217
84 Months	0.000098 (R)	0.0000195

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.16 Service Discount Plans (Cont'd)(C) Service Discount Plan for Tandem Switched Transport Local Transport Termination and Local Transport Facility Rate Elements* (Cont'd)(4) Adjustments to Tandem Switched Transport Usage Commitments

When Switched Access Services utilizing Tandem Switched Transport are rearranged to Switched Access Services utilizing Telephone Company provided Direct Trunked Transport, the customer can reduce its Tandem Switched Transport usage commitment, if necessary, by the number of minutes of use generated by the rearranged trunks. In this case, the number of minutes of use associated with the rearrangement will not be subject to liability charges.

In the event that the Telephone Company's end users decide to subscribe to a competitive local exchange carrier during the commitment period and that a customer which has subscribed to a Tandem Switched Transport Service Discount Plan cannot reasonably physically continue to obtain originating and/or terminating access to those end users via the Telephone Company's Tandem Switched Transport, the customer can reduce its Tandem Switched Transport usage commitment by the number of minutes generated by those end users to the customer. No liability charges will be applied to these reduced minutes. The customer will be responsible for providing the reduced minutes of use to the Telephone Company. In addition, the customer will be responsible for maintaining documentation substantiating the development of such adjustment which must be provided to the Telephone Company upon request.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.16 Service Discount Plans (Cont'd)

(C) Service Discount Plan for Tandem Switched Transport Local Transport Termination and Local Transport Facility Rate Elements (Cont'd)

(S) (x)

(S) (x)

(S) (x)

(D) (y)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.16 Service Discount Plans (Cont'd)

(C) Service Discount Plan for Tandem Switched Transport Local Transport Termination and Local Transport Facility Rate Elements (Cont'd)

(S) (x)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.16 Service Discount Plans (Cont'd)(C) Service Discount Plan for Tandem Switched Transport Local Transport Termination and Local Transport Facility Rate Elements* (Cont'd)(5) Additions

Service may be added to the discount plan at any time during the commitment period without affecting the expiration date of the discount plan commitment period. The Tandem Switched Transport usage generated by the additional services will be applied towards the existing Tandem Switched Transport discount plan usage commitment. The discounted rate will be applied to the Local Transport Termination and Local Transport Facility minutes of use generated by the additional service until the usage commitment for the discount plan has been satisfied.

(6) Service Changes, Moves and Rearrangements

Individual services may be changed, moved or rearranged during the commitment period, however, if such change, move or rearrangement causes the total Tandem Switched Transport usage to fall below the usage commitment in effect in any consecutive twelve (12) months of the commitment period non-discounted rates will apply.

(7) Disconnection of Service and Cancellation of the Discount Plan

Individual Services may be disconnected during the commitment period, however, if such disconnection causes the total Tandem Switched Transport usage to fall below the usage commitment in effect in any consecutive twelve (12) months of the commitment period non-discounted rates will apply.

Service may be disconnected in total or the discount plan may be cancelled in its entirety during the commitment period subject to termination liability as set forth in (8) following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.16 Service Discount Plans (Cont'd)

(C) Service Discount Plan for Tandem Switched Transport Local Transport Termination and Local Transport Facility Rate Elements* (Cont'd)

(8) Termination Liability

In the event that all of the customer's Switched Access Services in the state or LATA are disconnected or the entire discount plan is cancelled prior to the expiration of the commitment period, termination liability shall be calculated as set forth following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.16 Service Discount Plans (Cont'd)

(C) Service Discount Plan for Tandem Switched Transport Local Transport Termination and Local Transport Facility Rate Elements* (Cont'd)

(8) Termination Liability (Cont'd)

Termination liability shall apply to each rate element within the state or LATA which is discounted under the discount plan as the difference between the discounted rates which were assessed during the portion of the commitment period already expired and the rates which would have been assessed utilizing the highest discount plan commitment period that could have been satisfied prior to disconnection or cancellation (if a lesser service commitment period could have been satisfied) or recalculated at non-discounted rates (if no lesser service commitment period could have been satisfied).

In the event that non-discounted rates had been applied to any of the usage accumulated during any consecutive twelve month period prior to the disconnect or cancellation of the discount plan, termination liability will not apply to that usage.

The discount plan commitment periods and discounted rates are set forth in (C)(3) preceding.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.16 Service Discount Plans (Cont'd)(C) Service Discount Plan for Tandem Switched Transport Local Transport Termination and Local Transport Facility Rate Elements* (Cont'd)(9) Extension of Commitment Period

A customer may, at any time prior to the expiration of the selected commitment period for an existing discount plan, change to a discount plan with a longer commitment period provided that (1) the usage commitment for the existing discount plan has been satisfied in the consecutive twelve month period that the change is requested in, and (2) the usage commitment for the new plan is equal to or greater than the usage commitment applicable to the existing discount plan. No termination liability charges will apply for any service extended under the longer commitment period. The then effective rates applicable for the longer commitment period and, when applicable, new usage commitment, will apply effective with the second bill day following the request for the change.

(10) Increase in the Usage Commitment

A customer may, at any time prior to the expiration of the selected commitment period for an existing discount plan, change to a discount plan with a higher usage commitment provided that (1) the usage commitment for the existing discount plan has been satisfied in the consecutive twelve month period that the change is requested in, and (2) the commitment period for the new plan is equal to or longer than the commitment period applicable to the existing discount plan. In this case, no termination liability charges will apply to the cancelled discount plan. The then effective rates applicable for the higher usage commitment and, when applicable, new commitment period, will apply effective with the second bill day following the request for the change.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.16 Service Discount Plans (Cont'd)

(C) Service Discount Plan for Tandem Switched Transport Local Transport Termination and Local Transport Facility Rate Elements* (Cont'd)

(11) Rate Regulations

Where the Service Discount Plan is requested to be provided coincident with the installation of new service, it will be effective with the establishment of service.

Where the Service Discount Plan is requested to be provided on existing service, the plan will be effective on the second bill day following the Telephone Company's receipt of the Access Order requesting the discount.

6.8 Rates and Charges

Rates and Charges for Switched Access Service are found in Section 31.6 following.

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